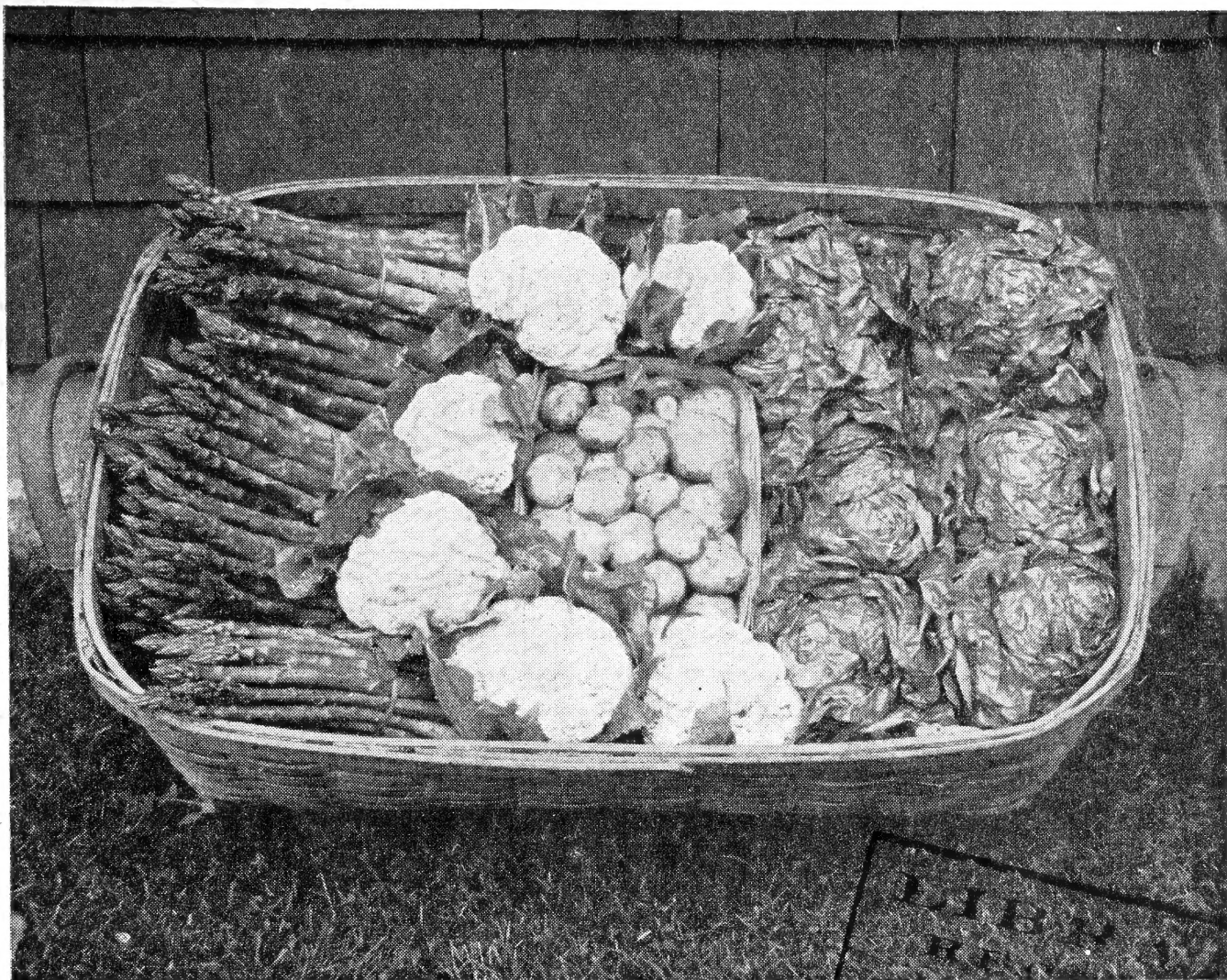


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1893 - - - 1945

FRANK HOWARD'S

52nd Anniversary

SPRING CATALOG

Reliable "Seeds That Grow"



FRANK HOWARD, INC., PITTSFIELD, MASS.

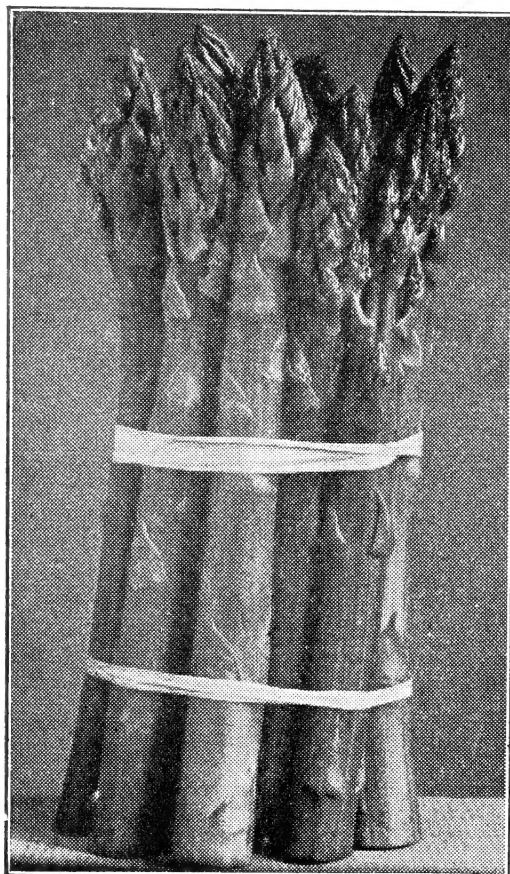
1893 - FRANK HOWARD'S - 1945

GENERAL LIST OF

Standard Tested Vegetable Seeds

PRICES SUBJECT TO CHANGE

SPECIAL NOTICE. We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out and will not be responsible for the crop—FRANK HOWARD, INC.



ASPARAGUS—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. Roots should be set out in spring in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and our Garden Fertilizer should be applied after tops are cut and in the spring forked in. Never cut closely.

MARY WASHINGTON—The popular, rust-resistant asparagus—rich, dark green color, a marked improvement over the old varieties.

pkt. 10c; oz. 20c; ¼lb. 60c.

ASPARAGUS ROOTS—Mary Washington (New)
3 year old roots

per root 5c; per doz. 50c; per 100 \$3.00

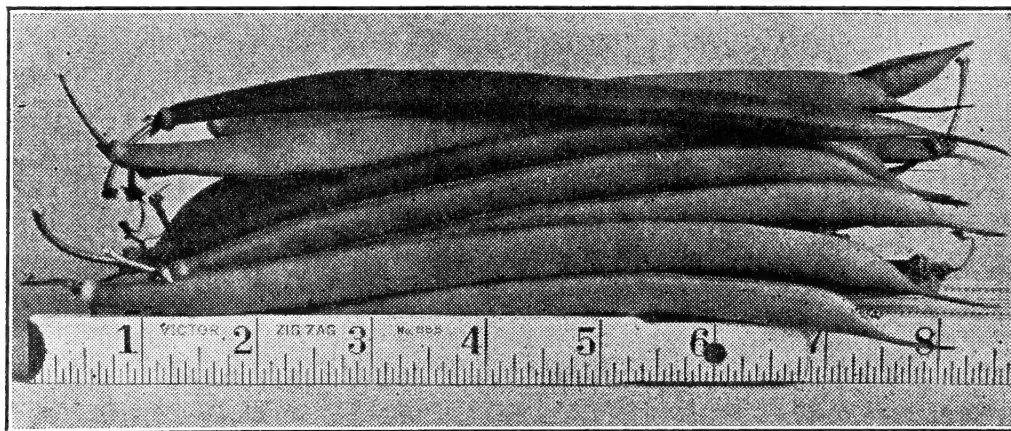
BEANS

When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart, drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, or our Garden Fertilizer may be thoroughly worked into soil before planting.

Dwarf Green Podded Varieties

ASGROW STRINGLESS BLACK VALENTINE—attractive oval pods, nearly straight, dark green, fine quality and delicate flavor. ¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

GIANT STRINGLESS GREEN POD—Very early, round pods absolutely stringless fine quality, one of the finest snap beans grown; ¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.



Improved Early Red Valentine

IMPROVED ROYAL WHITE OR KIDNEY—Excellent for shelling green or baking when mature, ¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

LARGE WHITE MARROW—The favorite for general field crop, ¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

YELLOW EYE, SHELL—¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

MAHOGANY RED KIDNEY—A good shell bean, ¼ lb. 15c., ½ lb. 25c., 1 lb. 45c., 2 lbs. 80c., 5 lbs. \$1.95.

IMPROVED EARLY RED VALENTINE,

One of the earliest beans in cultivation. Round pod, green

¼lb. 15c.

½lb. 25c.

1 lb. 45c.

2 lbs. 80c.

5 lbs. \$1.95



BEANS—Continued

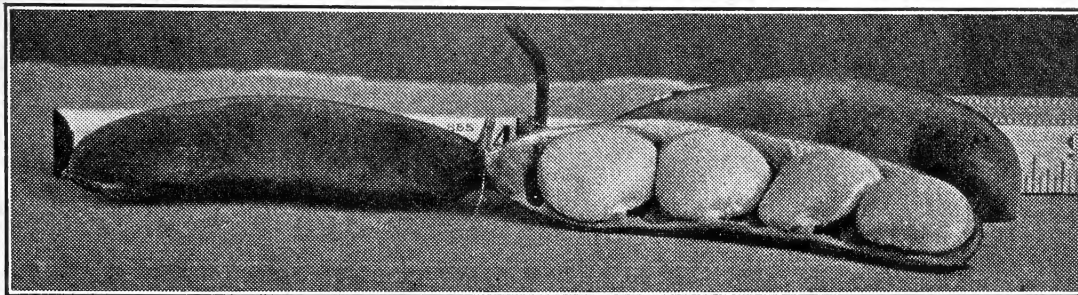
Dwarf, Green Podded Varieties

BOUNTIFUL,—Pods grow to large size, are flat, fleshy and stringless, when young cook tender and fine quality. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95.

PLENTIFUL,—A new improved green flat pod. Larger than Bountiful—brittle, straight, and stringless. $\frac{1}{4}$ lb. 15c.; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95.

STRINGLESS GREEN POD, Burpee's—Early, tender and crisp. Pods pale green, long and straight, round, meaty, stringless. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95.

HORTICULTURAL DWARF, or Dwarf Cranberry, productive, thick, flat pod. $\frac{1}{4}$ lb. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95.



Our Fordhook Bush Lima Bean

Lima Beans—Bush and Pole

IMPROVED DWARF OR BUSH LIMA, Burpee's—Grows from 18 to 20 inches high, stout, and erect growth, immense yielder. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

FORDHOOK BUSH LIMA,—Both pods and beans are very large. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00.

BABY POTATO LIMA,—A new and attractive variety. All America Silver Medal for 1940. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$2.00.

BUSH LIMA,—Henderson's—An early Bush Lima, very productive, requires no stakes or poles, quality excellent. $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

EARLY LEVIATHAN LIMA,—The earliest large lima pole bean. Enormous cropper, excellent quality. Pkt. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

KING OF THE GARDEN LIMA,—Heavy cropper, bean and pod very large. Pole. Pkt. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

BROAD WINDSOR, OR FAVA,— $\frac{1}{4}$ lb. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00.

Dwarf, Wax or Butter Varieties

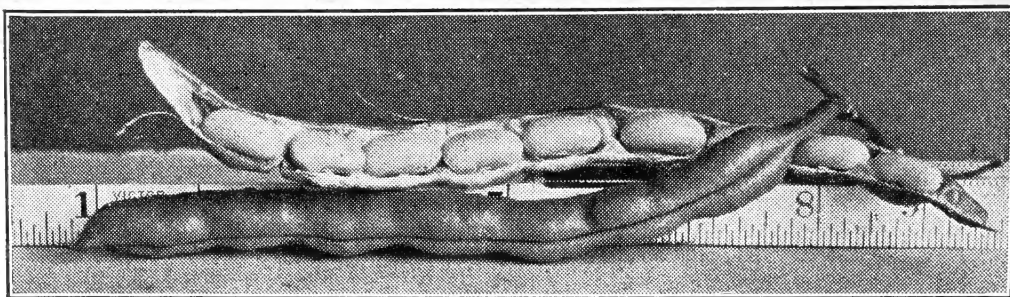
	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
BLACK WAX, PENCIL POD ,—Slender, long, round pods, hardy and prolific, splendid quality, best of the wax varieties,	.15	.25	.45	.80	1.95
IMPROVED RUSTLESS GOLDEN WAX ,—Hardy and productive, pods flat, stringless, wax-like and handsome,	.15	.25	.45	.80	1.95
KIDNEY WAX ROUND-POD , (Brittle Wax)—A handsome midseason variety, pods long and round, wax-like, stringless, fine quality,	.15	.25	.45	.80	1.95
SURE CROP WAX —Pods thick flat, golden yellow, strictly stringless, fine texture and quality,	.15	.25	.45	.80	1.95

Climbing or Pole Varieties

Sow after danger from frost, and soil is warm and dry, in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

	Pkt.	$\frac{1}{2}$ lb.	1 lb.	2 lbs.	5 lbs.
LONDON HORTICULTURAL OR SPECKLED CRANBERRY ,—A popular variety for shelling,	.20	.30	.45	.85	2.00

BEANS—Climbing or Pole Varieties—Continued



Howard's Old Homestead Pole Beans

OLD HOMESTEAD, (Kentucky Wonder)—The most popular of the green podded pole varieties, enormously productive, tender and well flavored.

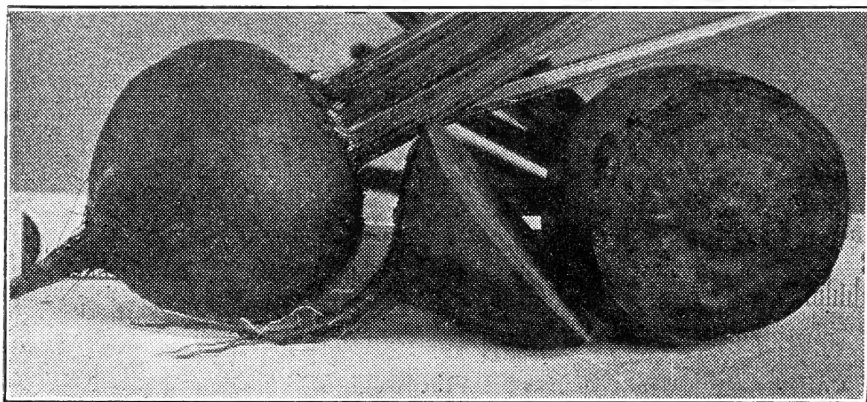
Pkt. 15c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c; 2 lbs. 80c; 5 lbs. \$1.95

SCARLET RUNNER—Grown principally for ornament, scarlet blossoms.

Pkt. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00

WHITE DUTCH RUNNERS—Same habit as the scarlet, blossoms white.

Pkt. 20c; $\frac{1}{2}$ lb. 30c; 1 lb. 45c; 2 lbs. 85c; 5 lbs. \$2.00



Howard's Detroit Dark Red Beet

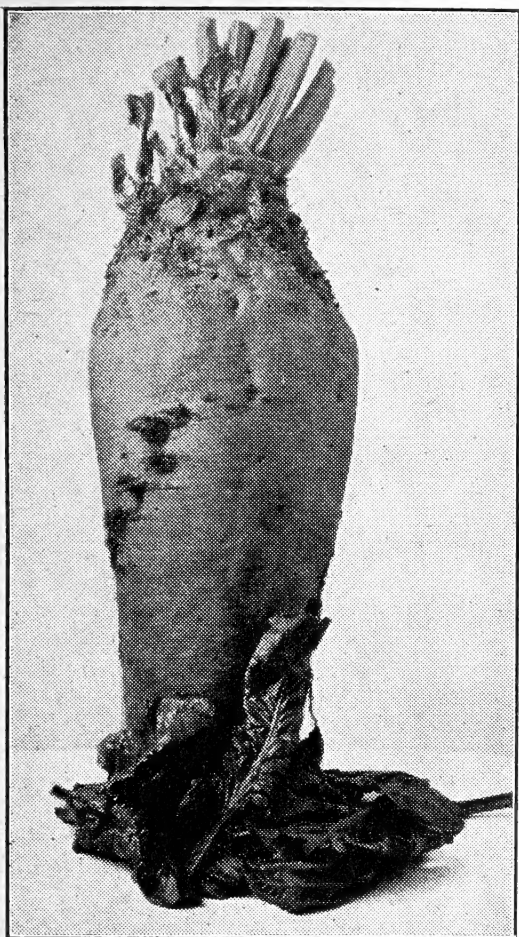
BEETS Table Varieties

Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.

	pkt.	oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
ASGROW WONDER BEET —Dark, deep red, tender, and of excellent quality—semi-globular. All American Silver Medal. The best garden beet in every way	.10	.40	1.20	2.00
DEWING'S EARLY BLOOD TURNIP —Old but still popular	.10	.40	1.20	2.00
CROSBY'S EGYPTIAN —Roots very dark red, flesh deep purplish red,	.10	.40	1.20	2.00
DETROIT DARK RED TURNIP —Round, skin dark blood-red, flesh bright red,	.10	.40	1.20	2.00
ECLIPSE —Very early, color bright red,	.10	.40	1.20	2.00

SWISS CHARD—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach

.10 .35 1.00 1.75



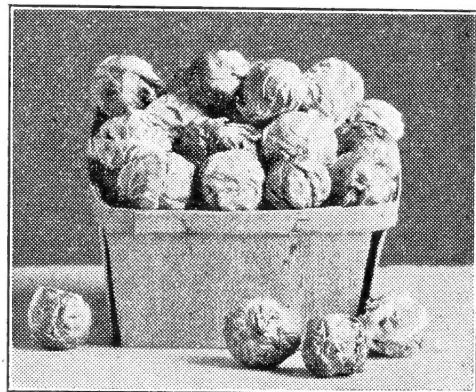
Mangel Wurzel

MANGEL WURZEL

	Oz.	¼Lb.	Lb.
MAMMOTH PRIZE LONG RED, —One of the best for deep soil, roots very large, very heavy cropper,	.20	.65	2.00
GIANT SLUDSTRUP — Yellow oval, white fleshed	.20	.65	2.00
GOLDEN TANKARD, — Flesh bright yellow, said to contain a large amount of sugar,	.20	.65	2.00
NORBITON GIANT, —The larg- est variety grown, and one of the most popular,	.20	.65	2.00

BROCCOLI

ITALIAN GREEN SPROUTING, (Calabrese) plant forms solid green head; when central head is cut numerous sprouts develop with smaller heads, cut with five or six inches of stem; prepare like asparagus; pkt. 15c; ¼ oz. 30c; ½ oz. 40c; 1 oz. 75c.

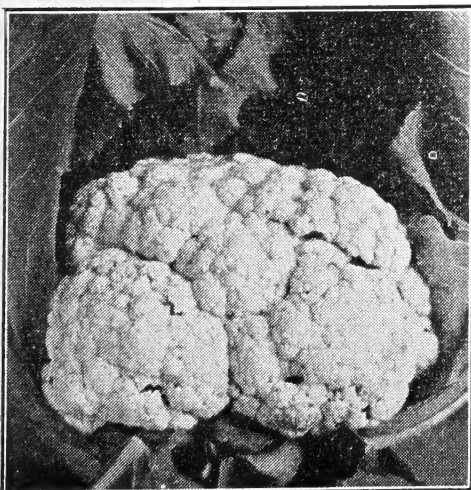


Brussels Sprouts

BRUSSELS SPROUTS

(Cultivation same as Cabbage.)

LONG ISLAND IMPROVED—Compact heads, probably the best. Pkt. .35, oz. 1.50



Cauliflower

CAULIFLOWER

CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

EARLY SNOWBALL—The best cauliflower grown, a sure header, pkt. 25c; ¼ oz. 1.15; ½ oz. 2.15; oz. \$4.00.

EARLY FAVORITE—An excellent very early variety, pkt. 25c; ¼ oz. \$1.15; ½ oz. \$2.15; oz. \$4.00.

PLANTS IN SEASON

CABBAGE

Soil for Cabbage should be rich heavy loam, with good drainage. Use an abundance of stable or our Garden Fertilizer, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.

ALL SEASONS—Fine strain. Heads deep. Can be planted for early or late crop, 20c pkt., 50c ½ oz., 85c oz., \$3.00 ¼ lb.

COPENHAGEN MARKET—The finest, large, round-headed, early Cabbage, solid, fine quality, short stemmed, 20c pkt., 50c ½ oz., 85c oz., \$3.00 ¼ lb.

SELECTED LATE FLAT DUTCH,—A valuable late variety, one of the best for main winter crop, 20c pkt., 50c ½ oz., 85c oz., \$3.00 ¼ lb.

	Pkt.	½Oz.	Oz.	¼Lb.
GOLDEN ACRE —Earliest round headed cabbage, medium size, hard, solid,	.20	.50	.85	3.00

EARLY SUMMER , Improved—Ten days later than Jersey Wakefield, large heads, excellent second early,	.20	.50	.85	3.00
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MAMMOTH ROCK RED ,—Largest and surest header, red,	.20	.50	.85	3.00
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EARLY JERSEY WAKEFIELD —The earliest cabbage, heads cone shaped and solid	.20	.50	.85	3.00
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EARLY WINNINGSTADT ,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head,	.20	.50	.85	3.00
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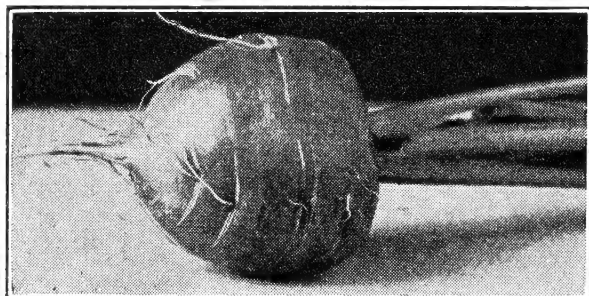
PERFECTION DRUMHEAD SAVOY ,—Very tender, excellent flavor, fine,	.20	.50	.85	3.00
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HOLLANDER OR DANISH BALL HEAD ,—Medium size heads, solid, best keeping cabbage grown,	.20	.50	.85	3.00
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CHINESE (Chihli) Cabbage—Earliest and most sure heading of the Chinese varieties. Delicate, mild, cabbage flavor, cultivation same as late cabbage. 15 pkt., 35c ½ oz., 60c oz., \$2.15 ¼ lb.

CARROTS

Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.



French Forcing Carrot

HOWARD'S CORELESS—Early, finest quality, deep orange, free from woody heart, 15c pkt., 40c ½ oz., 60c oz., \$1.75 ¼ lb.

OXHEART OR GUERANDE,—Roots, short and very thick, 15c pkt., 40c ½ oz., 60c oz., \$1.75 ¼ lb.

DANVERS HALF LONG,—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 15c pkt., 40c ½ oz., 60c oz., \$1.75 ¼ lb.

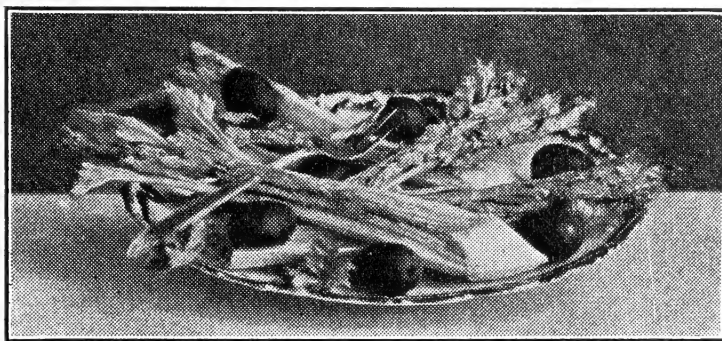
DANVERS HALF LONG,—(Stump rooted), similar to above except that it has blunt roots, 15c pkt., 40c ½ oz., 60c oz., \$1.75 ¼ lb.

EARLY SCARLET HORN—An early variety, deep orange, blunt root, 6 to 8 in., 15c pkt., 40c ½ oz., 60c oz., \$1.75 ¼ lb.



CARROTS—(Continued)

	Pkt	½ Oz.	Oz.	¼ Lb
FRENCH FORCING —Small round root, the earliest variety	.15	.40	.60	1.75
HOWARD'S HUTCHINSON —Root 10 to 12" in length, stump root, deep orange, immensely productive; excellent for stock or table.	.15	.45	.75	2.25
HOWARD'S IMP. LONG ORANGE —11"—Similar to Hutchinson, but pointed	Pkt. 15c;			
½ oz. 40c; oz. 60c; ¼ lb. \$1.75.				

**CELERY**

CULTURE.—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of our Garden Fertilizer. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

DWARF GOLDEN SELF BLANCHING,—One of the best early, solid, fine nutty flavor, good size, golden yellow, Pkt. ½Oz. Oz. ¼Lb.
.15 .50 .85 2.50

GIANT PASCAL,—The largest variety grown, fine nutty flavor, excellent keeper, easily blanched, .10 .40 .70 2.25

GOLDEN PLUME, OR WONDERFUL,—A new, large, golden yellow celery, of very finest quality, easily blanched, somewhat earlier than the Golden Self-Blanching, good keeper, .10 .75 1.15 4.00

WINTER QUEEN,—Very large, blanches well, excellent keeper, fine quality. .10 .75 1.15 4.00

CELERIAC (Turnip-Rooted Celery)

CULTURE—Similar to celery.

LARGE SMOOTH PRAGUE—An improved variety, round, smooth roots, the largest and best variety, Used for celery-like flavoring in soups. 10c pkt., 35c ½ oz., 60c oz.

CHERVIL

CULTURE—Same as parsley.

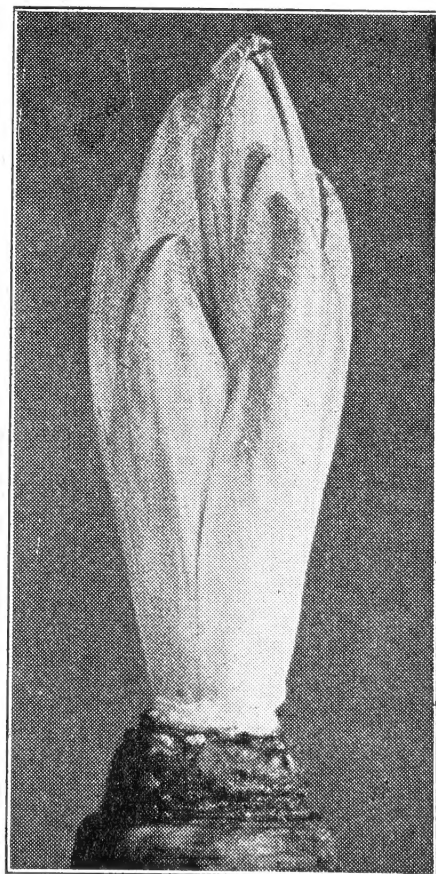
CURLED—The leaves are used for flavoring. No seed available for 1944.

CHICORY

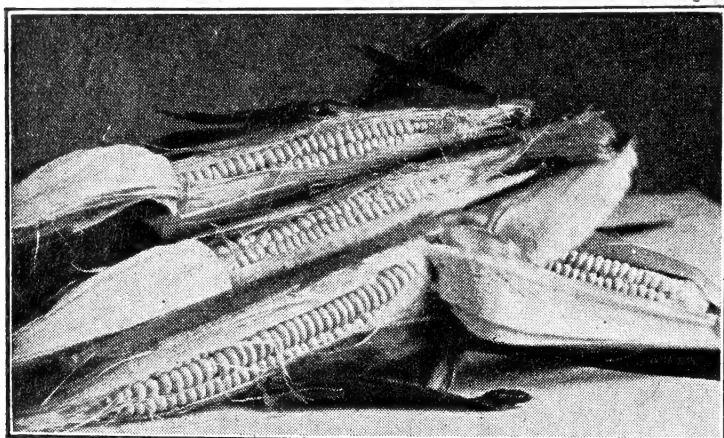
CULTURE—Sow in June, transplant in autumn into sand in cellar.

LARGE ROOTED—10c pkt., 40c ½ oz., 70c oz.

WITLOOF—Sometimes known as French Endive. Sow in May or June in drills. Thin to 6 inches. for winter salad, cut tops to within one inch of crown, plant in soil in cellar, letting tops grow up through leaves, shavings or excelsior. Moisten occasionally. 10c pkt., 40c ½ oz., 70c oz.



Witloof Chicory



SWEET CORN

Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. Use broadcast or in the hill our Garden Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.

We have been very careful in selecting the best and sweetest varieties

of corn adapted to this section. The list below is arranged in order of maturity.

	½lb.	1lb.	2lbs.	5lbs.
GOLDEN HUMMER ,—Largest and earliest of the yellow varieties,	.25	.45	.80	1.90
GOLDEN BANTAM ,—Small, yellow ears, delicious flavor,	.25	.45	.80	1.90
CROSBY EARLY ,—An old and popular variety, rather small ears, good quality,	.25	.45	.80	1.90
BLACK MEXICAN ,—Medium early, very sweet,	.25	.45	.80	1.90
GOLDEN GIANT ,—The largest of the yellow sweet varieties, ears about 8 in. long, later than the Golden Bantam,	.25	.45	.80	1.90
STOWELL'S EVERGREEN . The standard for quality, and the best known variety, remains a long time in suitable condition for boiling,	.20	.40	.80	1.90

HYBRID CORN

	Pkt.	½lb.	1lb.	2lbs.	5lbs.
MARCROSS C6.13 —Most popular early yellow hybrid 10-14 rowed good quality. Matures just before Golden Bantam.	.15	.35	.60	1.10	2.60
GOLDEN CROSS BANTAM —Ears 10-14 rowed, kernels rich yellow in color, excellent quality; excellent for canning and market garden use. Matures just after Golden Bantam.	.15	.35	.60	1.10	2.60

Note.—The high elevation and short growing season in Berkshire County force us to select only the finest strains of these varieties of corn.

ENSILAGE OR FODDER CORN

GOLDEN BEAUTY,—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leaming, but is earlier, which is an advantage in Berkshire County and vicinity.

14 lbs. 95c; 56 lbs. \$3.50.

HOWARD'S HYBRID RED SWEEPSTAKES—14 lbs. \$2.00, 56 lbs. \$6.95.

HOWARD'S WESTBRANCH SWEEPSTAKES—(Specially selected) The Original Sweepstakes. Early and productive, an excellent ensilage corn.

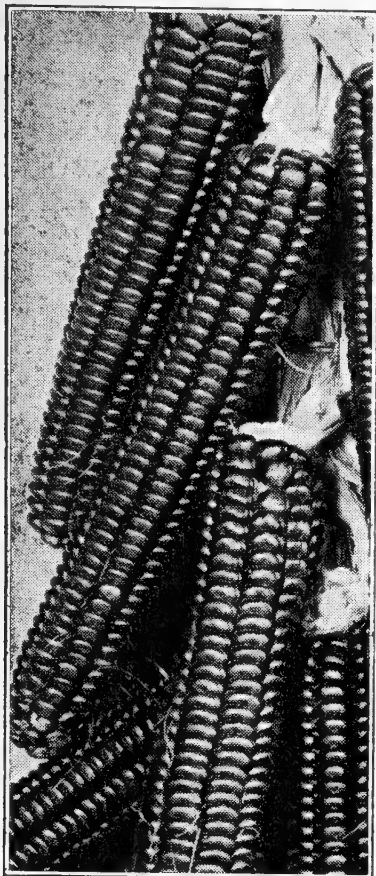
14 lbs. \$1.30, 56 lbs. \$4.95.

HOWARD'S 29-3 HYBRID—A fine ensilage corn.

14 lbs. \$2.25, 56 lbs. \$7.95



A Local Field of our Golden Beauty Ensilage Corn



FIELD CORN

Same as Sweet Corn. Some prefer to plant in drills. Use our Special Corn Fertilizer, worked well into the soil when planting and before second hoeing.

EIGHT ROW YELLOW,—From selected ears, northern grown early varieties. Price 2 lbs. 25c, 14 lbs. \$1.55, 28 lbs. \$2.95, 56 lbs. \$5.50

CRESS OR PEPPER GRASS

Sow curled variety thickly in shallow drills every two or three weeks. Cut often.

EXTRA CURLED,—Used as salad, No seed available in 1944

WATER CRESS,—Grows along the banks of ponds and streams—a fine salad,
No seed available in 1944

CUCUMBERS

CULTURE—For very early crops, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

BOSTON PICKLING,—

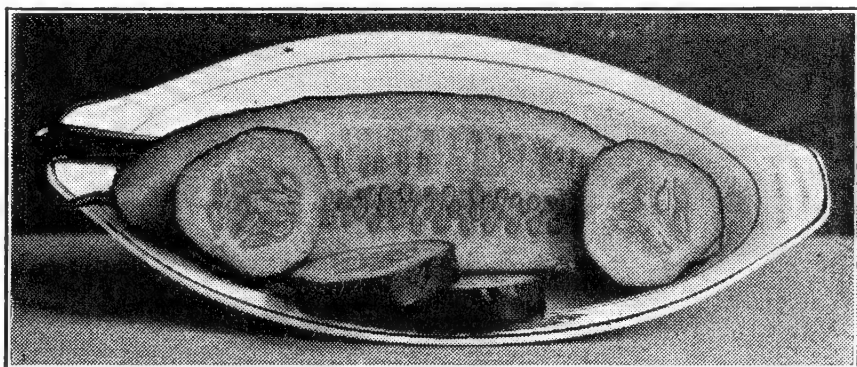
Best for pickling, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

JAPANESE CLIMBING,—

Good for frames or open ground, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

IMPROVED LONG GREEN,—

The favorite for general crop, good pickler or slicer, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.



HOWARD'S EARLY FORTUNE,—Selected, one of the finest types of White Spine yet produced. Early, very productive and disease-resisting. Fruits long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. Pkt. 10c, ½ oz. 25c, oz. 40c, ¼ lb. 1.00.

HOWARD'S MARKETER—Slender dark green. Excellent quality, uniform

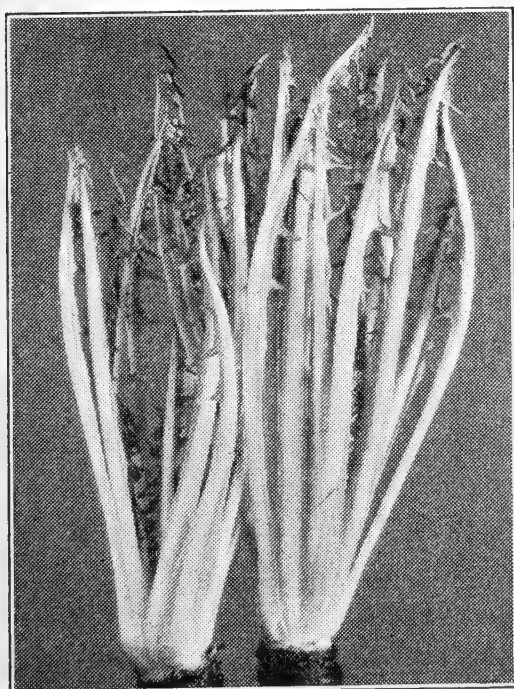
20c pkt., 35c ½ oz., 60c oz., 1.50 ¼ lb.

SNOW'S PERFECTED PICKLE,—Excellent pickling cucumber, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

IMPROVED WHITE SPINE,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 10c pkt., 25c ½ oz., 40c oz., 1.00 ¼ lb.

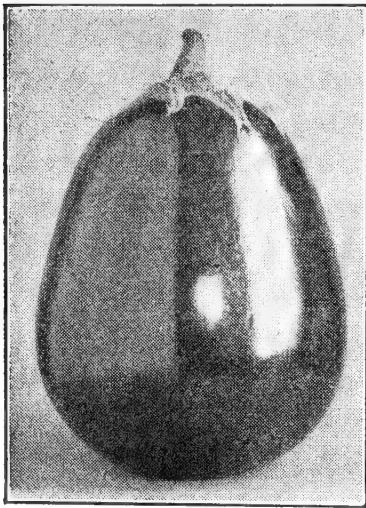
DANDELION

Sow in early Spring in drills ½ in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.



Improved Thick Leaved Dandelion

IMPROVED THICK LEAVED,—Very much superior to common dandelion for greens. 25c per pkt., ½ oz., 60, \$1.00 oz.



Howard's N. Y. Egg Plant:

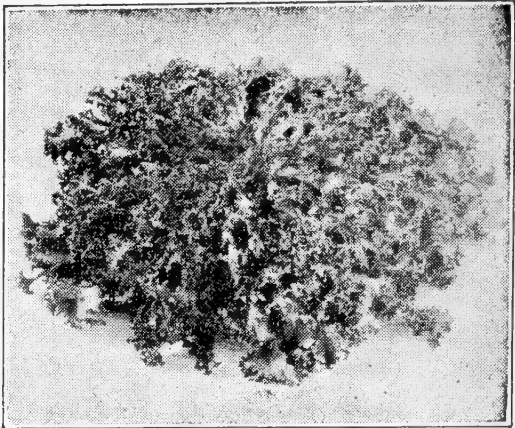
EGG PLANT

Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 ft. by 2 ft.

BLACK BEAUTY—Earliest, dark color, 15c pkt., 45c ½ oz., 75c oz.
NEW YORK IMPROVED SPINELESS—Old standard variety, well adapted to this section. 15c per pkt., 45c ½ oz., 75c per oz.

ENDIVE

Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with ball of earth and put in cool dry cellar. Handling of plants must be done when dry.

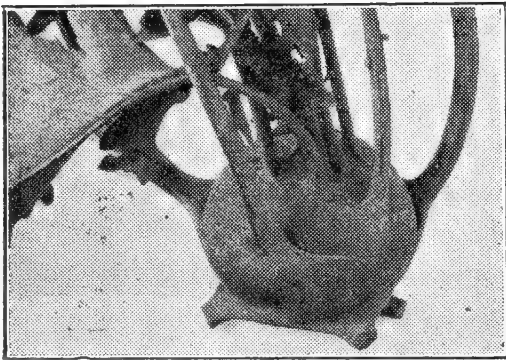


Endive

GREEN CURLED—The popular variety, one of the best salads for fall and winter use. 10c pkt., 35c oz., 1.00 ¼ lb.
MOSS CURLED—10c pkt., 35c oz., 1.00 ¼ lb.
BROAD LEAVED—A sweet variety, fall or winter. 10c pkt., 35c oz., 1.00 ¼ lb.
WHITE CURLED—For early use. 10c pkt., 35c oz., 1.00 ¼ lb.

FENNEL FLORENCE—A bulb like enlargement at the base of the stem, frequently used as celery is sweet and anise flavored. 10c Pkt., 30c ½ oz., 50c oz.

GOURDS FANCY VARIETY MIXED, Many odd shapes. 10c pkt.



Kohlrabi

KALE

DWARF GREEN CURLED SCOTCH—Grown for winter greens. 10c pkt., 25c oz., 70c ¼ lb., \$2.00 lb.

KOHLRABI

Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

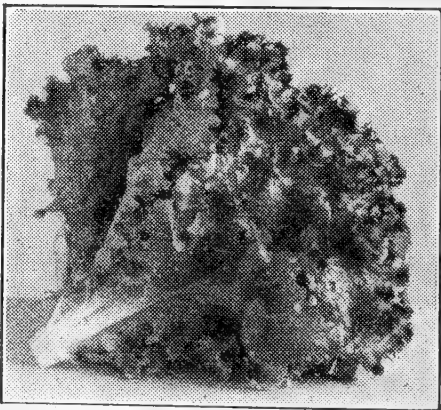
PURPLE VIENNA—15c pkt., 60c ½ oz., 1.00 oz., \$3.00 ¼ lb.

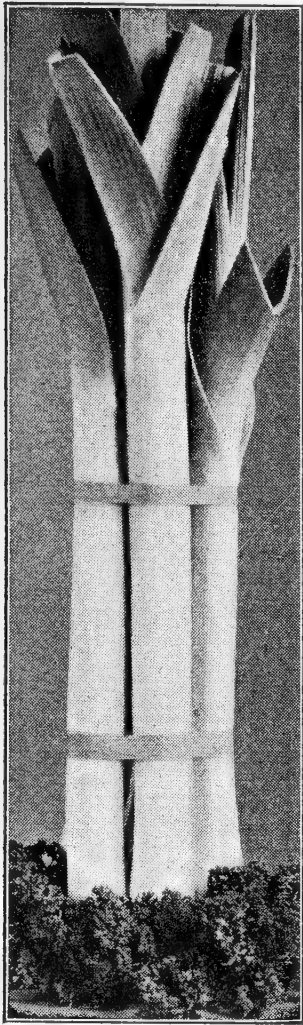
LETTUCE (Head)

Sow in hot beds, and in open ground as soon as it can be worked, sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact, lettuce to be tender and crisp should have a rapid growth, otherwise it will be tough and probably bitter.

BIG BOSTON—About twice the size and one week later than The Boston Market, produces large, solid heads, light green leaves, slightly tinged brown, smooth.
Pkt. 10c, ½ Oz. 25, Oz. 45c, ¼ Lb. 1.10.

HANSON IMPROVED —Sure header, excellent quality, very satisfactory, leaves outer green, inner white, nearly smooth.	Pkt.	½oz.	Oz.	¼Lb
	.10	.25	.45	1.10
ICEBERG —Large solid heads, crisp, good flavor, leaves outer light green, inner white, quite crumpled.	.20	.50	.85	2.15
NEW YORK OR WONDERFUL —Not a forcing variety but one of the best summer lettuces, forms large heads, leaves outer dark green, inner white, quite crumpled.	.20	.50	.85	2.15
IMPERIAL C847 BLACK SEEDÉD —Heads medium large, hard, fine, stands up well in summer weather, resists tip burn, better than Salamander.	.20	.50	.85	2.15
COS OR ROMAINE WHITE PARIS ,—Self-closing, an excellent variety, very crisp and tender, inside leaves bleach greenish white.	.10	.25	.45	1.10





Leek

EXTRA EARLY OSAGE—Delicious flavor, flesh thick, salmon pink, 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.

SURPRISE, (Benders)—Flesh deep salmon, thick and fine flavor, 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.

IMPERIAL No. 45,—New—very promising, fine quality, 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.

LETTUCE (Leaf)

Pkt. $\frac{1}{2}$ Oz. Oz. $\frac{1}{4}$ Lb.

GRAND RAPIDS—One of the best forcing varieties, strong grower, tender, crisp and retains its freshness a long time after it is cut. Leaves loose, light green and curly.

.10 .25 .45 1.10

PRIZE HEAD—Non-heading variety, very early, leaves green and red, thin, crisp, tender and curly.

.10 .25 .45 1.10

LEEK

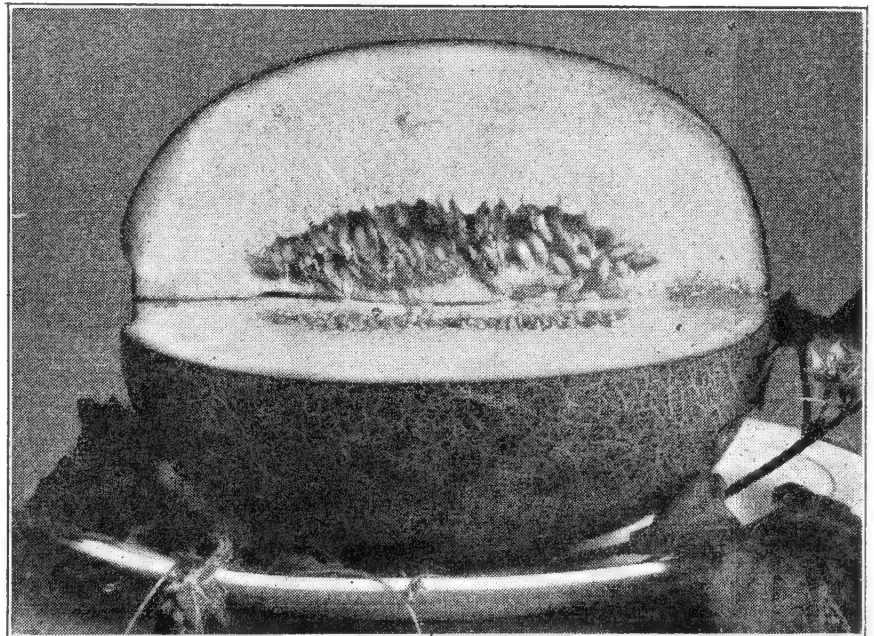
CULTURE—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 in. apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG—The best variety grown, 50c pkt.,

MUSK MELON

CULTURE—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up, and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.

DELICIOUS,—Medium size, early, delicious flavor 10c pkt., 20c $\frac{1}{2}$ oz., 30c oz., 90c $\frac{1}{4}$ lb.



WATER MELON

CULTURE—Same as Musk Melon, only plant further apart, about 8 or 10 feet.

PHINNEY'S EARLY,—Very early, fine quality, excellent variety for this section,

Pkt. Oz. $\frac{1}{4}$ Lb.
.10 .20 .40

NORTHERN SWEET,—Fruit small, nearly round, very deep red, crisp, sweet, good flavor and early

.10 .20 .40

CITRON,—Red Seed,—For Preserving,

.10 .20 .40

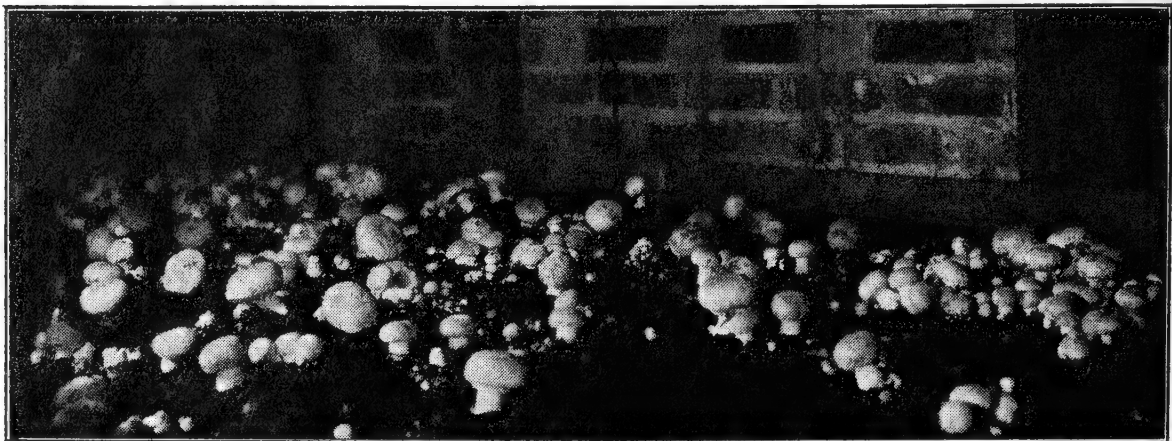
MUSTARD

Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN—For salads

WHITE LONDON—For salads

MUSHROOM SPAWN



A Mushroom Cellar Bed

Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

- AMERICAN, Pure Culture—In bricks, per brick 45c. 20 bricks \$6.50.
- PURE CULTURE BOTTLE SPAWN—\$1.25 per carton. (Not carried in stock)

OKRA OR GUMBO

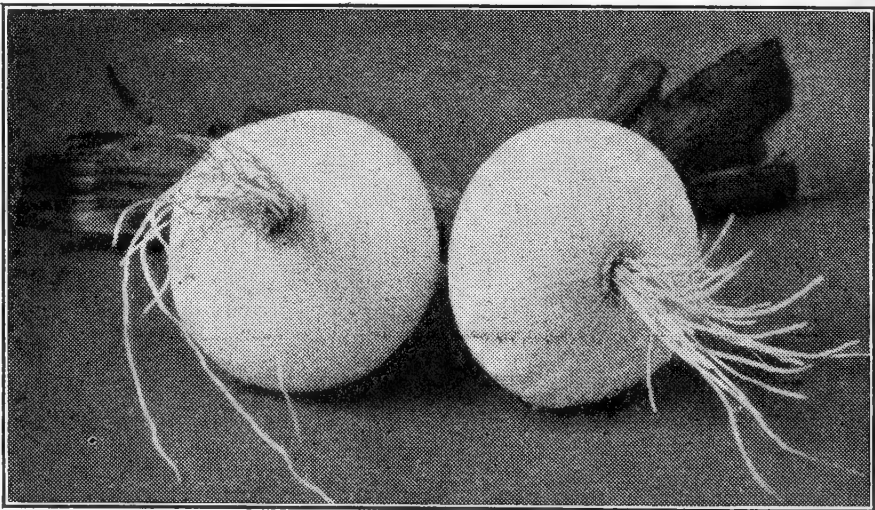
CULTURE.—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	¼Lb.
DWARF WHITE VELVET,—Pods round, smooth and white, very prolific,	.10	.15	.40
DWARF GREEN,—Very early,	.10	.15	.40

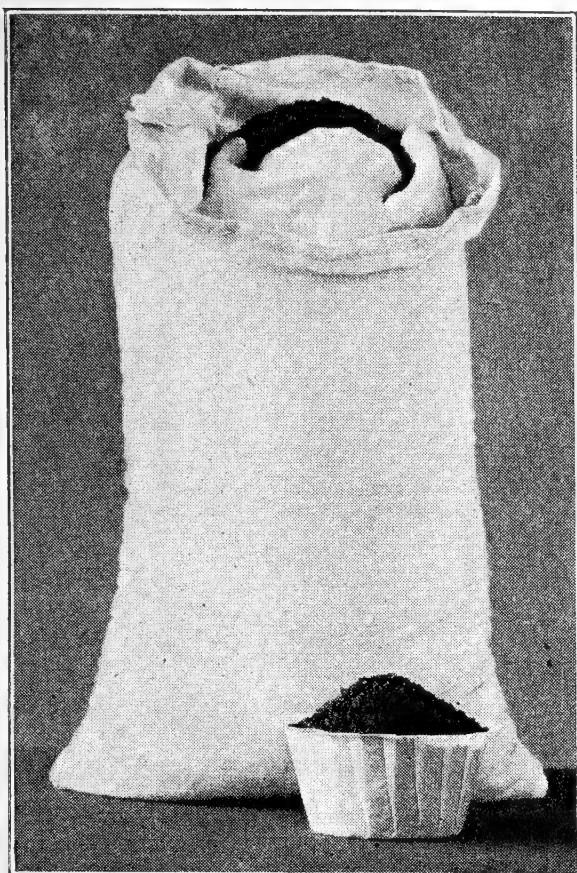
ONIONS

Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use our Garden Fertilizer.

YELLOW GLOBE DANVERS — Howard's Finest Strain—This seed is grown from the very earliest, and best selected onions, and is very much superior to the average seed offered. — Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 15c pkt., 30c ¼ oz., 55c ½ oz., 95c oz., \$2.85 ¼ lb.



Howard's Yellow Globe Danvers Onion



ONION SEED

LARGE RED WETHERSFIELD—Large yielder, good keeper, 15c pkt., 25c $\frac{1}{4}$ oz., 45c $\frac{1}{2}$ oz., 75c oz., \$2.25 $\frac{1}{4}$ lb.

YELLOW SWEET SPANISH—Similar to Prizetaker but larger. One of the largest. Mild, white, flesh, sweet, uniform productive. Color bright straw, choice American stock, 25c pkt., 35c $\frac{1}{4}$ oz., 60c $\frac{1}{2}$ oz., \$1.00 oz.

SOUTHPORT WHITE GLOBE—Large, firm, finegrained mild flavor, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

SOUTHPORT YELLOW GLOBE,—Same as White except in color, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

WHITE PORTUGUAL OR SILVERSKIN—A flat white onion, fine grained, mild flavor, good for pickling and bunching, good keeper, 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

HOWARD'S EXTRA EARLY RED GLOBE—Ten days earlier than Southport Red Globe, color beautiful bright red 15c pkt., 25c $\frac{1}{4}$ oz., 50c $\frac{1}{2}$ oz., 95c oz., \$2.50 $\frac{1}{4}$ lb.

ONION SETS

YELLOW EBENEZER—1 lb. 35c.

WHITE—1 lb. 35c.

Our Selected Yellow Globe Danvers Onion Seed

Price subject to change

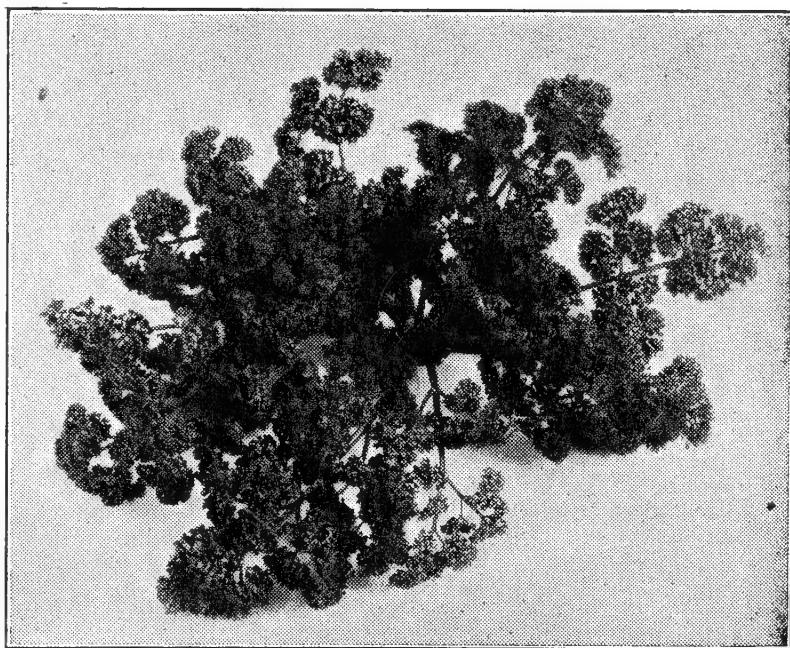
PARSLEY

Sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

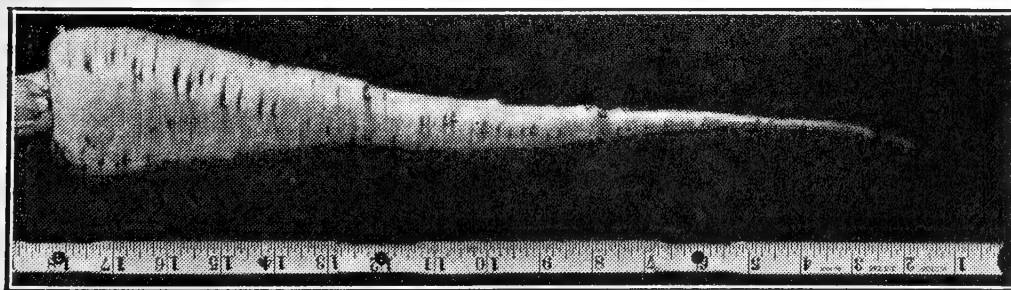
CHAMPION MOSS CURLED—Beautifully crimped and curled 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.,

FINE DOUBLE CURLED—A standard variety, finely curled leaves, 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.

FERN LEAVED—Has a feathery, fern-like appearance, 10c pkt., 30c oz., 85c $\frac{1}{4}$ lb.



Champion Moss Curled Parsley



PARSNIP

Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

LONG SMOOTH WHITE,—Standard variety, long, smooth, white roots,

HOLLOW CROWN,—An excellent variety, fine quality,

Pkt.	Oz.	$\frac{1}{4}$ lb.
.10	.35	1.00
.10	.35	1.00

PEAS

For peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late peas must be planted early. Early peas may be planted early or late, and the extra early very late. Sow in single or double rows, according to variety, and about an inch apart in the row. Hoe often, keep ground clean and fine. Most dwarf peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with tobacco water of the same temperature as the atmosphere, using force.



Hundredfold Peas

Extra Early Dwarf Varieties

	Height in ft.	½ lb.	1 lb.	2 lbs.	5 lbs.
HOWARD'S EARLY DWARF—A new, very early, wrinkled variety, one of the best of the dwarf peas,	2	.25	.45	.80	1.75
HOWARD'S WORLD'S RECORD—A new, very early, large peas and pod, good quality,	2	.25	.45	.80	1.75
HOWARD'S HUNDREDFOLD—The best of the extra early large podded dwarf varieties.	1½	.25	.40	.70	1.60
LAXTON'S PROGRESS—The earliest large podded dwarf pea, dark green peas of high quality,	1½	.25	.40	.70	1.60

Extra Early Varieties—Not Dwarf

	Height in ft.	½ lb.	1 lb.	2 lbs.	5 lbs.
HOWARD'S EXTRA EARLY—One of the very earliest peas grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts,	3	.25	.45	.80	1.75
GRADUS—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,	2½	.25	.40	.70	1.60

PEAS—(Continued)—Second Early Varieties

	Height in feet	½ lb.	1 lb.	2 lbs.	5 lbs.
THOMAS LAXTON —Very early and productive, pods large, finest flavor, the best for general garden planting	3	.25	.45	.80	1.75

Tall Late Varieties

ALDERMAN—Extra large dark pods, filled with large wrinkled peas of fine flavor, very productive, 4 ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.

HOWARD'S No. 40—New, large pods, excellent quality—wilt resistant. One of the best mid-season variety, 3 ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.

CHAMPION OF ENGLAND—One of the richest, best flavored peas, well known, popular, 4½ ft., ½ lb. 25c, 1 lb. 45c, 2 lbs. 80c, 5 lbs. \$1.75.



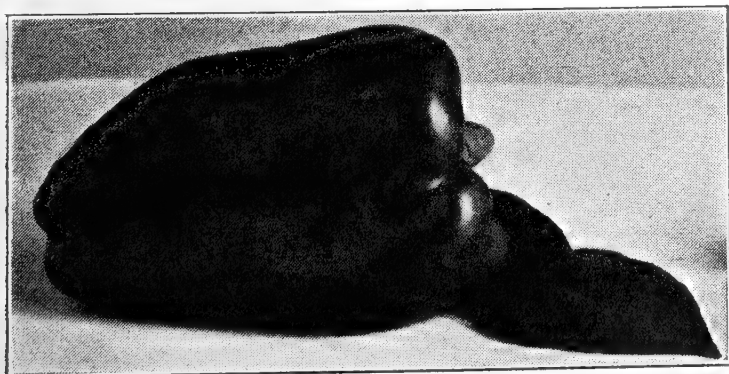
IMPROVED TELEPHONE, — Very fine strain, pods very large, dark green, well filled. quality excellent, 4 ft., ½ lb. 25c, 1 lb. 40c, 2 lbs. 70c, 5 lbs. \$1.60.

CANADA FIELD,—Principally sown for feeding stock, 10c per lb.

PEPPERS

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

	Pkt.	½Oz.	Oz.	¼Lb.
LARGE BELL OR BULL NOSE —A favorite, large, mild, red,	.10	.35	.60	2.25
LONG RED CAYENNE —Small, long, bright red, extremely strong,	.10	.35	.60	2.25
CHINESE GIANT —Very large, flesh mild and thick, bright scarlet,	.20	.40	.75	2.50
HOWARD'S CALWONDER —Early, prolific, large, mild and sweet,	20	.40	.75	2.50



Bullnose Pepper

RED CHERRY—Hot. Cherry-shaped, for pickles, pkt. 20c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

HOWARD'S WORLD BEATER PEPPER—Large, smooth, flesh thick and mild, pkt. 20c, ½ oz. 40c, oz. 75c, ¼ lb. \$2.50.

POTATOES

Certified Seed Potatoes

Grown in the northern part of Aroostook County on the Canadian Border



PRICES SUBJECT TO CHANGE

165 lb.

7 1/2 Lb. 15 Lb. 60 Lb. Sack

SELECTED CHIPPEWA, — New type—White, light clear skin. Flatter and more oval than Green Mt., follows Irish Cobbler in maturity.

.50 .90 3.50 8.00

CERTIFIED IRISH COBBLER, —The Cobbler is one of the earliest grown, skin creamy white, flesh white, and of excellent quality—heavy cropper.

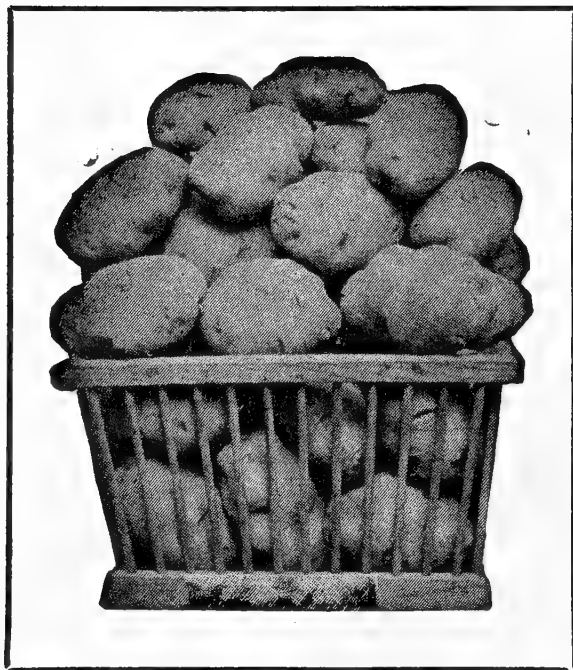
.60 1.00 3.90 9.75

CERTIFIED GREEN MOUNTAIN, —A well known late variety, white flesh, oval form, excellent quality, heavy yielder, a fine keeper,

.60 1.00 3.90 9.75

CERTIFIED KATAHDIN, —Late or Maine Crop Potato, shallow eyes, white skin, good keeper and superior quality. Matures after Green Mt.

60 1.00 3.90 9.75



One ton of High Grade Fertilizer per acre is the usual amount used in Aroostook County, Maine. Spraying is thoroughly done about every two weeks for prevention of blight.

The Potatoes shown in cut were raised from our Maine Grown Seed, the crop was uniform, heavy, and of excellent quality.

PUMPKINS

CULTURE—Same as for squash, or may be planted with corn.

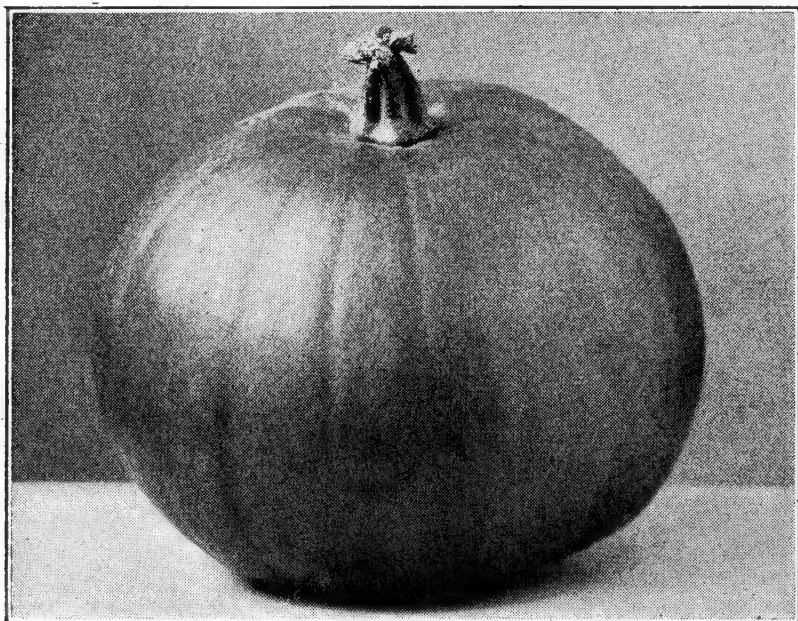
CONNECTICUT FIELD — The popular one for general crop, usually grown in corn fields for stock. Pkt. 10c, oz. 20c, 1/4 lb. 55c.

KING OF THE MAMMOTHS—Very large, round, flat, yellow.

Pkt. 10c, oz. 30c, 1/4 lb. \$1.00

SWEET OR SUGAR — Small, round, yellow, excellent for pies.

Pkt. 10c, oz. 20c, 1/4 lb. 55c



PLANNING YOUR VEGETABLE GARDEN

THE GARDEN PLAN

Because of the need and the scarcity of certain garden supplies, it is essential that the home garden should be planned with care. The primary purpose of a vegetable garden today should be to provide the maximum food crop. Plan intelligently, garden diligently and be faithful to the task through the year. The garden should be planned for the particular family it is to serve and the needs and preference of the family should be the guide for its making. Prepare an early, definite and detailed plan. It can easily be changed if necessary and the advantages will be many. You will make greater use of the area with less waste of seed, a more complete succession of crops, as well as a better appearing garden. In addition, you will know when and how to plant. (The charts on the following pages, specially revised for this area, will be of help in planning your vegetable garden.)

TYPES OF GARDENS

From the important standpoint of becoming self sustaining the ideal **Complete garden** would be one that will supply the family budget with **Summer** vegetables with some for **canning** and **storage** in sufficient quantities for year round use. A **Semi-Complete** garden might be planned to provide for **Summer** eating and **canning** where storage is impractical. **Vegetables** from the **fresh-eating garden** would supply corps only for Summer use.

The beginner should especially consider the ease of culture, heavy production, and those crops that will help to produce a balanced diet. In times of emergency people want the most for their money. With this in mind, crops that are specially recommended for Berkshire include **tomatoes**, **snap beans**, **carrots**, **cabbage**, **lettuce**, **Swiss chard**, **spinach**, and **beets**; if sufficient space is available plant **sweet corn**.

LOCATION AND THE PREPARATION

One usually has to use the size and location that is available. However, here are points to keep in mind. It is important that a **sunny area** be chosen. The plot should **not** be near trees. Do not plant more than can be **properly handled**. Make certain that the plot has sufficient **loam** and **good drainage**. If in doubt, consult your local Home Garden Committee.

Thorough soil preparation is essential. The garden should be plowed or spaded to a depth of at least **eight inches**. The top should be thoroughly disked and raked to break up the lumps and smooth the seedbed. A little extra care in preparing the soil at this time will save much labor later. Most vegetables will **not** grow well in soils that are **acid**. The most accurate method of checking is to have a soil sample tested by your county agent or some other qualified agency. However, in general with acid soil it is sound practice to apply magnesium limestone every three years at the rate of 25 to 40 pounds per 1000 square feet of garden. A good way to improve the soil is to apply barnyard manure at the rate of a tipcart load per 1000 sq. ft. This can be supplemented with superphosphate or **Victory Fertilizer** at the rate of 20 to 30 pounds per 1000 square feet. If manure is not available Victory Fertilizer should be used at the rate of 40 to 50 pounds per 1000 square feet.

IMPORTANT POINTS

The garden should be **cultivated** frequently to keep down weeds and keep the soil in good tilth. Insect pests and plant diseases must be controlled. Every gardener should have a hand duster or sprayer to combat efficiently the many diseases and insects which are common to garden crops. For more complete information on the Home Garden see Extension Leaflet No. 59, "The Home Garden", and Extension Leaflet No. 171, "Pest Control In The Home Garden". These leaflets may be obtained from your local Home Garden Committee or from the Berkshire County Extension Service.

CONCLUSION

(1) **Don't** start what you can't finish. (2) **Don't** waste good seed on bad soil. (3) **Don't** work ground too soon. (4) **Don't** run rows up and down a hill. (5) **Don't** use too much seed. (6) **Don't** plant too much of one thing. (7) **Don't** let the tall crops shade out the short ones. (8) **Don't** cultivate too deeply and injure delicate roots. (9) **Don't** let weeds have a start. (10) **Don't** let the bugs beat you to it. (11) **Don't** let anything go to waste.

ESSENTIAL FACTS FOR VEGETABLE CROPS FOR BERKSHIRE COUNTY

Revised from Massachusetts Extension Leaflet No. 59 by Frank Skogsberg, Berkshire County Extension Service;
A. Kenneth Simpson, Berkshire Garden Center; Arthur M. Howard, Pittsfield, Mass.

CROP	VARIETY	AMOUNT OF SEEDS OR PLANTS PER 100 FT. ROW	DATES SEEDS OR PLANTS MAY BE PLANTED	INCHES BETWEEN ROWS	INCHES BETWEEN PLANTS	DEPTH PLANTING INCHES	DAYS TO MATURITY	REMARKS
Asparagus.....	Washington.....	66 roots.....	Apr. 15-May 15.....	36-48.....	18.....	8-10.....	3 years.....	Plant only best 1 yr. old root
*Beans								
Bush.....	Stringless Greenpod.....	1 lb.....	May 20-June 1-July 1.....	30.....	2-4.....	1.....	40-60.....	
	Pencil pod Wax.....	1 lb.....	May 20-June 1-July 1.....	30.....	2-4.....	1.....	40-60.....	
	Bountiful.....	1 lb.....	May 20-June 1-July 1.....	30.....	2-4.....	1.....	40-60.....	
Shell.....	Dwarf Horticultural.....	1 lb.....	May 20-June 1-July 1.....	30.....	2-4.....	1.....	75-85.....	
Lima.....	Fordhook Bush.....	1 lb.....	May 20-June 1.....	30.....	2-4.....	1.....	75-80.....	
Pole.....	Kentucky Wonder.....	½ lb.....	May 20-June 1.....	36.....	24 hills.....	1.....	65-75.....	Use 4 plants to one pole
*Beets.....	Crosby Egyptian.....	1 oz.....	Apr. 15-July 1.....	12-15.....	2-4.....	½.....	60-70.....	Use thinnings for greens. For early crop plant as soon as land can be worked
	Detroit Dark Red.....		Apr. 15-July 1.....					
Broccoli.....	Italian Green Sprouting.....	¼ oz. or 50 plants.....	†May 15-July 15.....	36.....	18.....	½.....	60-65.....	6 or 8 plants enough for family
Cabbage								
Early.....	Golden Acre.....	¼ oz. or 66 plants.....	†Apr. 1-July 15.....	24.....	18.....	½.....	60-70.....	Sow seed June 1, transplant July 1-10
Late.....	Danish Ballhead.....	¼ oz. or 50 plants.....	†June 1-July 1.....	36.....	24.....	½.....	100.....	
	Drumhead Savoy.....		†June 1-July 1.....					
*Carrots.....	Coreless.....	½ oz.....	Apr. 15-July 1.....	12-15.....	2-4.....	½.....	70-75.....	Coreless for early. For early crop plant as soon as land can be worked
	Danvers Half Long.....		Apr. 15-July 1.....					Danvers for storage
Cauliflower.....	Snowball.....	¼ oz. or 60 plants.....	Apr. 15-July 1.....	30.....	18-24.....	½.....	50-60.....	Set plants in April or July 1st. For early set plant as soon as land can be worked.
Celery								
Early.....	Golden Plume.....	1 pkt. or 600 plants.....	May 1-May 15.....	24-30.....	6-8.....	¼.....	115-120.....	Blanch with paper or boards
Late.....	Pascal.....	1 pkt. or 600 plants.....	May 1-July 1.....	30.....	6-8.....	½.....	120-125.....	Bank with soil or store for winter. Sow seed May 1st, transplant July 1st
*Sweet Corn								
Early.....	Golden Hummer.....	¼ lb.....	May 20-June 15.....	30.....	24 hills.....	1.....	70-80.....	Plant 3-4 plants per hill
	Golden Bantam.....		May 20-June 15.....					Make 2 or 3 plantings at 2 week intervals
Late.....	Golden Cross Bantam.....	¼ lb.....	May 20-June 15.....	36.....	24 hills.....	1.....	90.....	
Cucumbers.....	Early Fortune and Long Green.....	½ oz.....	May 20-June 1.....	48.....	48 hills.....	½.....	60-65.....	3-4 plants per hill
*Lettuce.....	White Big Boston.....	¼ oz.....	Apr. 15-July 15.....	12-18.....	10-15.....	¼.....	75-85.....	Plant New York only in April and set plants if possible
	New York No. 12.....		Apr. 15-July 15.....					
	Grand Rapids.....		Apr. 15-July 15.....					
Onions.....	Danvers Yellow Globe.....	1 oz.....	†Apr. 15-May 15.....	13-15.....	2-3.....	½.....	100-120.....	
	Japanese Sets.....	2 qts.....	†Apr. 1-June 1.....	13-15.....	2-3.....	1-2.....	85-90.....	Can be used for green onions
Parsnip.....	Hollow Crown.....	½ oz.....	May 15-June 1.....	24.....	2-4.....	½.....	120-125.....	
*Peas								
Early.....	Laxton's Progress.....	1 lb.....	Apr. 1-May 25.....	30.....	1-2.....	1-2.....	60-65.....	
Late.....	Telephone.....	1 lb.....	Apr. 1-May 25.....	36.....	1-2.....	1-2.....	75-80.....	Must be brushed
Peppers.....	World Beater.....	1 pkt. or 60 plants.....	May 25-June 15.....	30.....	12-18.....	½.....	70-75.....	Start seed in hotbed
Potatoes								
Early.....	Irish Cobbler.....	½ pk.....	May 1-June 15.....	30.....	12.....		85-110.....	
Late.....	Green Mountain.....		May 1-June 15.....					
*Radishes.....	Scarlet Globe.....	1 oz.....	Apr. 1-Aug. 15.....	12.....	1.....	¼.....	25-28.....	Plant frequently in small amounts
Rhubarb.....	Victoria.....	50.....	Apr. 15-May 15.....	36.....	24.....	3-4.....	1 year.....	Crowns covered 3"-4"
*Spinach.....	Long Standing.....	1 oz.....	†Apr. 1-Aug. 15.....	12.....	1-2.....	¼.....	40-45.....	Shoots to seed in July and August
	Summer Savoy.....		†Apr. 1-Aug. 15.....					
Squash								
Summer.....	Straightneck.....	½ oz.....	May 20-June 1.....	48.....	48 hills.....	½.....	55-60.....	3-4 plants per hill
Fall.....	Des Moines (Table Queen).....	½ oz.....	May 20-June 1.....	72.....	60 hills.....	½.....	55-60.....	3-4 plants per hill
Winter.....	Delicious.....	½ oz.....	May 20-June 1.....	120.....	96 hills.....	½.....	100-110.....	3-4 plants per hill
	Hubbard.....	½ oz.....	May 20-June 1.....					
Tomato.....	Bonny Best.....	1 pkt. or 133 to 50 plants.....	May 15-June 15.....	36.....	24.....	¼.....	70-75.....	Start in hotbed Mar. 1-15. Stake and prune to one stem. Cover to protect from frost
	Beauty.....		May 15-June 15.....					
	Rutgers.....		May 15-June 15.....					
	Marglobe.....		May 15-June 15.....					
*Turnip.....	Purple Top.....	¼ oz.....	†Apr. 15-July 15.....	30.....	2-4.....	¼.....	55-60.....	
Rutabagas.....	American Purple Top.....	¼ oz.....	June 1-July 1.....	36.....	4-6.....	¼.....	75.....	

*Make several plantings. Do not plant too much at one time.
†or as soon as land can be worked.
‡50 if staked—33 if not staked.

SIX CROP GARDEN FOR FAMILY OF FIVE

This garden will take 5,000 square feet of space. To grow recommended amounts to give adequate vegetable supply for eating fresh, for canning, and for storage.*

	EAT FRESH		CANNED		STORED		SEED & PLANT
	Lbs.	Ft. row	Lbs.	Ft. row	Lbs.	Ft. row	
Lettuce, early	50	150					150 plants
Lettuce, late	50	150					½ oz.
Beans, snap.....	75	150	100	200			4 lbs.
Carrots, early	75	150	50	100			1 oz.
Carrots, late	50	75	50	100	200	400	2 oz.
Cabbage, early	75	150					48 plants
Cabbage, late	50	100			200	400	2 pkts.
Greens: Chard	50	100	75	150			2 oz.
Spinach	50	100	75	150			½ lb.
Tomatoes	150	100	375	200			150 plants (staked)

SIX CROP GARDEN FOR TWO ADULTS

This garden will take 2,000 square feet of space. To grow recommended amounts to give adequate vegetable supply for eating fresh, for canning, and for storage.*

	EAT FRESH		CANNED		STORED		SEED & PLANT
	Lbs.	Ft. row	Lbs.	Ft. row	Lbs.	Ft. row	
Lettuce, early	20	60					60 plants
Lettuce, late	20	60					½ oz.
Beans, snap.....	30	60	40	80			2 lbs.
Carrots, early	30	60	20	40			½ oz.
Carrots, late	20	30	20	40	80	160	1 oz.
Cabbage, early	30	60					18 plants
Cabbage, late	20	40			80	160	1 pkt.
Greens: Chard	20	40	30	60			1 oz.
Spinach	20	60	30	60			3 oz.
Tomatoes	60	40	150	80			60 plants (staked)

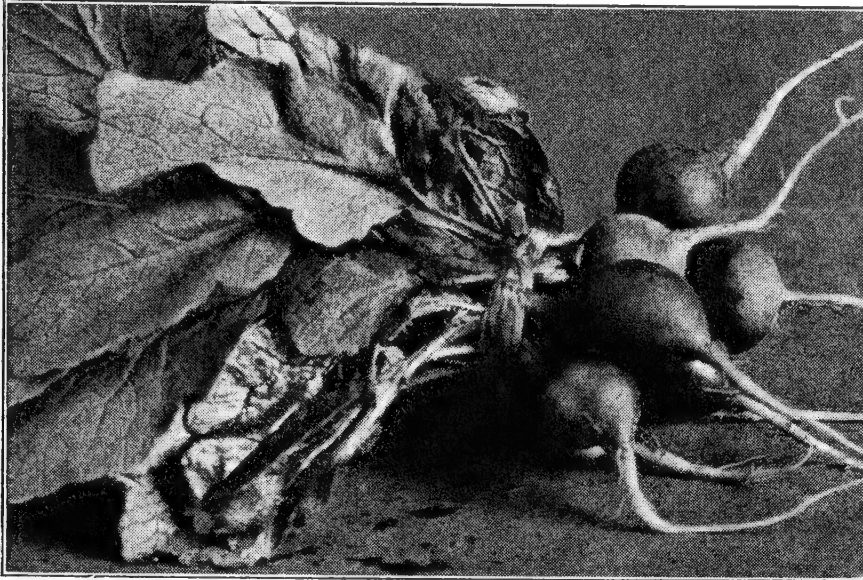
*Late lettuce from seed sown in garden, Late cabbage from seed sown in garden, Late crop of spinach in bean area, Late cabbages follow lettuce.

TABLE I
Vegetables as sources of vitamins, minerals, and energy†

Kind of vegetable	Vitamin A	Thiamine Vitamin B	Ascorbic acid Vitamin C	Riboflavin Vitamin G	Calcium	Iron	Energy value
							<i>Calories pound</i>
Beans, lima (green)		Excellent	.....	Good	.....	Excellent	595
Beans, snap.....	Excellent	Good	Good		Good	Good	190
Beet greens.....	Excellent		.....	Excellent	.....	Excellent	150
Cabbage.....		Good	Excellent	Good	Good	.....	130
Carrots.....	Excellent	Good	.....	Good	Good	.....	205
Chard.....	Excellent	.....	.....	.....	Excellent	Excellent	115
Collards.....	Excellent	Good	Excellent	Good	Excellent	Good	225
Corn, sweet.....		Good	.....			.....	510
Kale.....	Excellent	Good	Excellent	Excellent	Excellent	Excellent	225
Lettuce, green.....	Excellent	Good	.....	Good	Good	Good	85
Parsnips.....		Good	Good	.....	Good	.....	380
Potatoes.....		Good	Good	.....		.....	385
Spinach.....	Excellent	Good	Excellent	Good	.....	Excellent	110
Squash, Hubbard.....	Excellent	.....	.....	.....	.....	.....	200
Sweet Potatoes.....	Excellent	Good	Good	.....	.....	.....	565
Tomatoes, red.....	Excellent	Good	Excellent	.....	.....	.....	105
Turnip greens.....	Excellent	Good	Excellent	Excellent	Excellent	Excellent	165
Turnips, white.....	.....	.....	Excellent	.....	Good	.....	155

†Data of the Bureau of Home Economics.

RADISH Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.



CRIMSON GIANT,—Grows large, one of the best, intermediate in season, 10c pkt., 30c oz., 60c $\frac{1}{4}$ lb.

EARLY ROUND DARK RED,—Early, pleasant flavored, 10c pkt., 30c oz., 60c $\frac{1}{4}$ lb.

EARLY SCARLET TURNIP,—Popular, quick grower, mild flavor, 10c pkt., 30c oz., 60c $\frac{1}{4}$ lb.

SCARLET TURNIP, WHITE TIPPED—Very early, fine quality, 10c pkt., 30c oz., 60c $\frac{1}{4}$ lb.

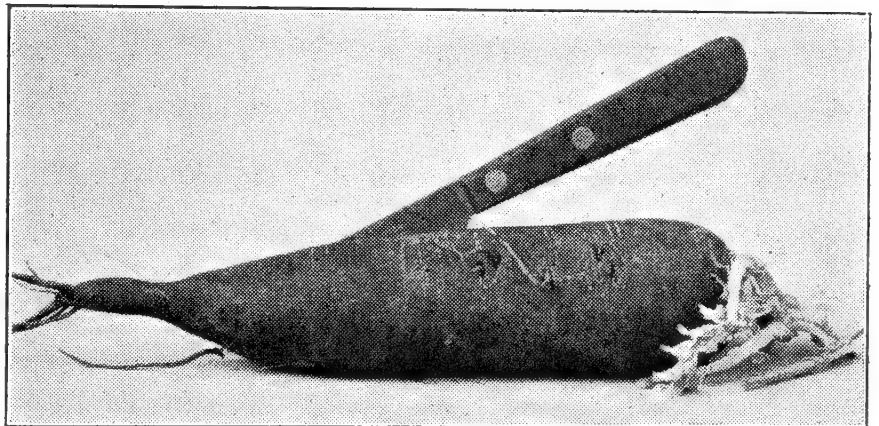
	Pkt.	Oz.	$\frac{1}{4}$ Lb
FRENCH BREAKFAST —Olive-shaped, white-tipped, popular,	.10	.30	.60
SCARLET GLOBE —One of the earliest, good for forcing or open ground culture, crisp and tender,	.10	.30	.60
LONG SCARLET SHORT TOP —The old favorite,	.10	.30	.60
LONG ICICLE —Pure white, fine flavor,	.10	.30	.60

Winter Radishes

ROUND BLACK SPANISH—Skin black, globe-shaped, tender. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.

LONG WHITE SPANISH—Skin white, mild,. Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.

ROSE CHINA WINTER—Rose-colored skin, flesh white, quality excellent, Pkt. 10c, oz. 30c, $\frac{1}{4}$ lb. 60c.

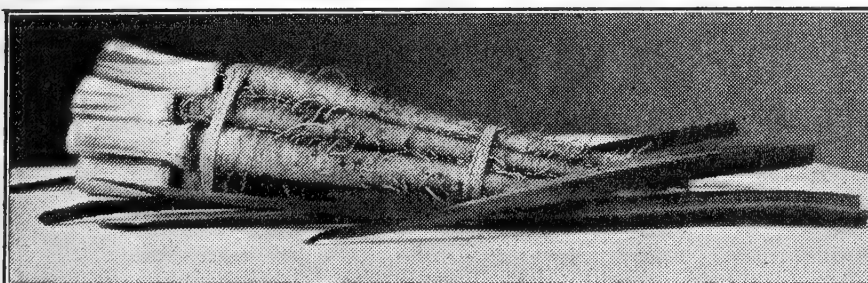


RHUBARB Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with rich dressing of coarse manure, spade under in the spring.

LINNEAUS GIANT—A popular variety, rich, red color stalks thick, large and tender, 10c pkt., 50c oz.

ROOTS—Each 12c, \$1.00 doz.

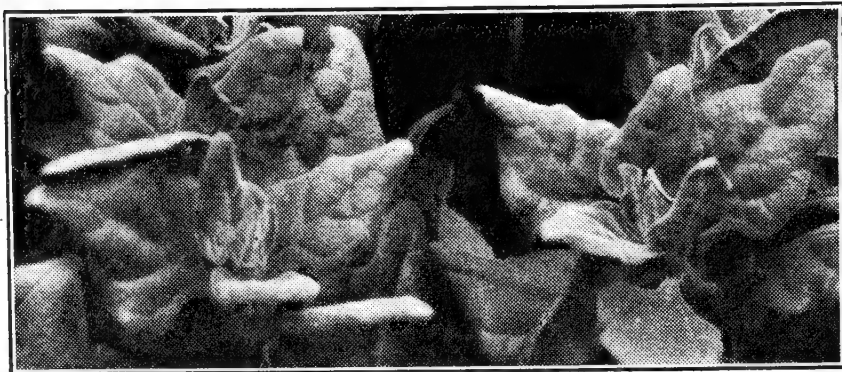
SALSIFY OR VEGETABLE OYSTER



Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 2 in. in row. Cultivate and treat as parsnips.

MAMMOTH SANDWICH ISLAND—The best variety, 15c pkt., 40c oz., \$1.40 $\frac{1}{4}$ lb.

SPINACH



New Zealand Spinach

KING OF DENMARK—Slow to go to seed, leaves large, dark green, crumpled, round and thick, excellent quality, quick grower. 10c pkt., 25c oz., 70c $\frac{1}{4}$ lb., \$1.15 $\frac{1}{2}$ lb.

THICK-LEAVED ROUND—One of the best, leaves large, thick, crumpled, Pkt. Oz. $\frac{1}{4}$ Lb. $\frac{1}{2}$ Lb.
.10 .25 .70 1.15

VICTORIA—Leaves very large, thick and much wrinkled, dark green, stands hot weather well and is exceedingly slow to shoot to seed, .10 .25 .70 1.15

PRICKLY WINTER—Leaves are large, broad, arrow-shaped, and dark green .10 .25 .70 1.15

NEW ZEALAND—Grows well during the hot weather. Seed should be soaked in warm water before sowing. For eating cut only end of growing tips, after cutting, new side shoots develop ready for recutting in few days. Pkt. 15c, $\frac{1}{2}$ oz. 45c, 1 oz. 75c, $\frac{1}{4}$ lb. \$2.25.

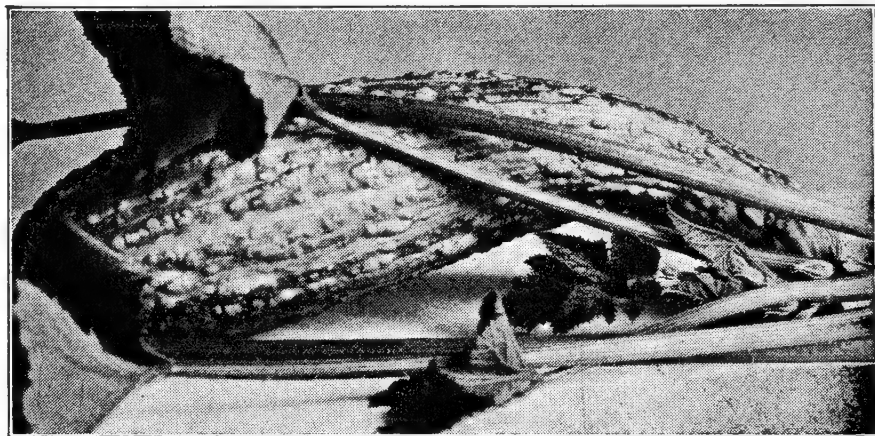
SQUASH Summer Varieties

Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

COCOZELLE—Long—Italian marrow Type dark green, light green stripes, early. 10c pkt, 30c oz, 75c $\frac{1}{4}$ lb, 2.00 lb.

WHITE BUSH SCALLOP—Very early, good shipper, 10c pkt., 30c oz., 75c $\frac{1}{4}$ lb., 2.00 lb.

YELLOW BUSH SCALLOPED.—Same as above, excepting color, 10c pkt., 30c oz., 75c $\frac{1}{4}$ lb., 2.00 lb.



Giant Summer Crookneck Squash

GIANT SUMMER CROOKNECK BUSH,—The favorite summer variety, 10c pkt., 30c oz., 75c $\frac{1}{4}$ lb., 2.00 lb.

GIANT SUMMER STRAIGHTNECK,—Similar to Crookneck but with a straight neck, 10c pkt., 30 oz., 75c $\frac{1}{4}$ lb., 2.00 lb.

VEGETABLE MARROW,—Summer and fall variety, outside yellow, flesh white, 10c pkt., 30 oz., 75c $\frac{1}{4}$ lb., 2.00 lb.



Fall and Winter Varieties

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
BOSTON MARROW ,—Fine fall variety, oval, bright orange,	.10	.35	1.00	3.00

DELICIOUS ,—Green skin, orange flesh, fine grained, sweet and dry,	.10	.35	1.00	3.00
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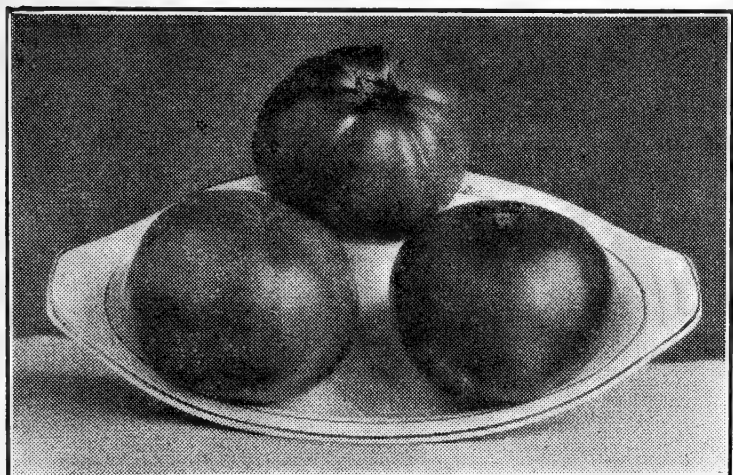
IMPROVED HUBBARD ,—The leading variety, fine grained, dry, excellent flavor,	.10	.35	1.00	3.00
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BLUE HUBBARD ,—Similar to the Improved Hubbard but having a hard blue shell, excellent quality,	.10	.35	1.00	3.00
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MAMMOTH CHILL —Orange yellow, grows very large,	.10	.35	1.00	3.00
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TABLE QUEEN OR DES MOINES—Acorn shaped fruits with a thin dark green shell. Light yellow flesh. Splendid for baking, 10c pkt., 35c oz., 1.00 $\frac{1}{4}$ lb., 3.00 lb.

"Our Seeds are Northern Grown, None Better at Any Price."



TOMATO

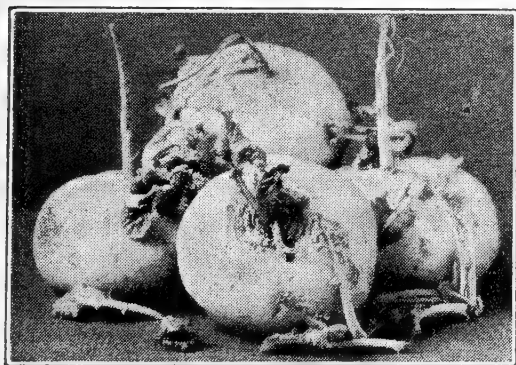
Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants four inches apart or pot singly. Plant out about June 1st. Set deeply 4 feet each way. Make hills rich. Support with frame work or train to stakes.

	Pkt.	½Oz.	Oz.	¼Lb.	Lb.
HOWARD'S SCARLET DAWN —Takes the place of Earliana, a better tomato. Globular, smooth, bright scarlet.	.15	.45	.80	2.15	
HOWARD'S BEAUTY (Livingston's) —Large, smooth, solid, purplish red,	.10	.45	.80	2.15	
HOWARD'S BONNY BEST ,—Week earlier than Chalk's Early Jewel, bright red, round and solid,	.10	.45	.80	2.15	
CHALK'S EARLY JEWEL ,—New, large, solid, smooth, bright red, very early,	.10	.45	.80	2.15	
HOWARD'S JOHN BAER ,—Early, productive, round and solid, crimson,	.10	.45	.80	2.15	
MARGLOBE ,—Second early, fruit large, smooth, globular, meaty and almost coreless, red and very productive,	.10	.45	.80	2.15	
PONDEROSA ,—One of the largest, solid, good flavor, bright red,	.15	.45	.80	2.15	
HOWARD'S RUTGERS (Certified) —Globular, bright red, thick walls, one of the best for eating and canning,	.15	.45	.80	2.15	
RED CHERRY ,—Fruit small, about ⅝ inch in diameter, fine for preserves,	.15	.45	.80		
YELLOW PLUM ,—Plum shaped, deep yellow, fine flavored,	.15	.45	.80		

POTTED TOMATO PLANTS in season

Large stock of Livingston's Beauty, Certified Rutgers, Scarlet Dawn

TOBACCO—Connecticut Seed Leaf, 10c pkt., 50c oz.



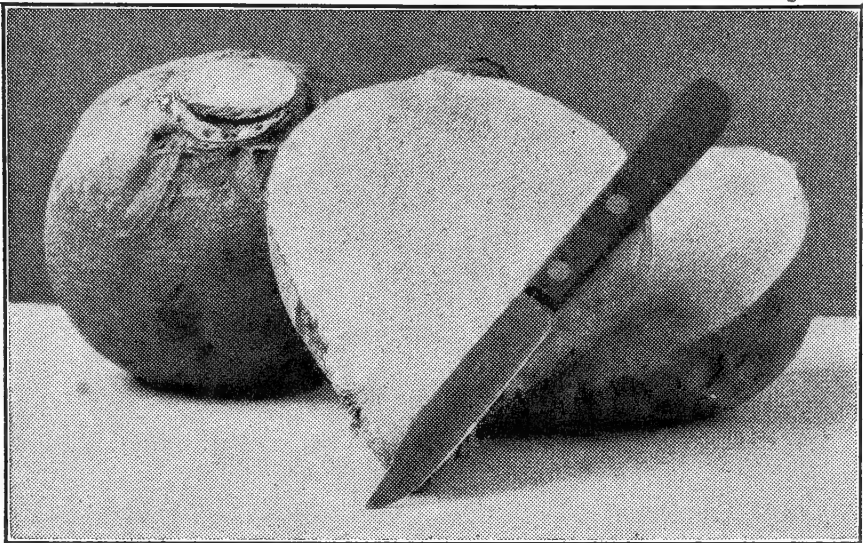
TURNIP

For early turnips sow soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. part; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	¼Lb.	Lb.
SEVENTOP —Greens only	.10	.20	.60	1.75
EARLY SNOWBALL —Round, medium size, fine quality,	.10	.20	.60	1.75
EARLY WHITE FLAT DUTCH —Sweet and fine grained,	.10	.20	.60	1.75
LONG WHITE COWHORN —Roots carrot shaped, flesh firm, white and sweet,	.10	.20	.60	1.75
PURPLE TOP WHITE GLOBE —Excellent quality,	.10	.20	.60	1.75
IMPROVED GOLDEN BALL —An excellent table variety, round, yellow fleshed, sweet and solid,	.10	.20	.60	1.75
WHITE EGG —Good yielder, flesh firm, fine grained and sweet,	.10	.20	.60	1.75
AMBER GLOBE (Yellow) —Best for general crop, grows large, good keeper,	.10	.20	.60	1.75

TURNIP—(Continued)

Ruta Baga or Swedish Turnip



IMPROVED AMERICAN
PURPLE TOP—

The favorite yellow fleshed
winter turnip, 10c pkt., 20c
oz., 60c ¼lb., \$1.75 lb.

LONG ISLAND PURPLE
TOP,—One of the best, flesh
yellow, solid, sweet, 10c pkt.,
20c oz., 60c ¼lb., \$1.75 lb.

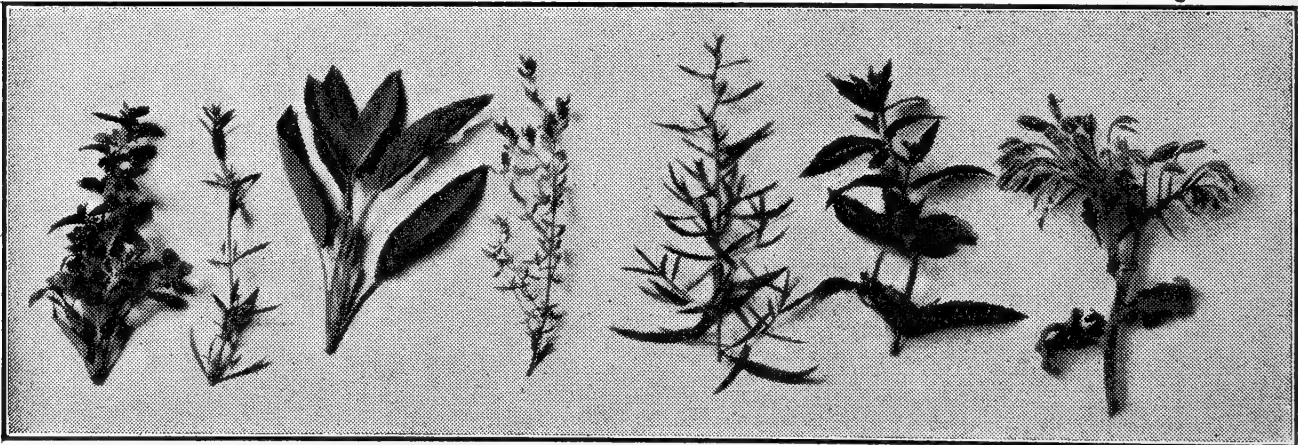
SHAMROCK SWEDE,—An
excellent yellow fleshed vari-
ety, 10c pkt., 20c oz., 60c
¼lb., \$1.75 lb.

SWEET RUSSIAN (White Swede)—A fine sweet winter variety, good keeper, 10c pkt.
20c oz., 60c ¼ lb., \$1.75 lb.

VEGETABLE ROOTS

- ASPARAGUS ROOTS,—See page 2.
- CHIVES.....25c per bunch
- HORSE RADISH ROOTS, Maliner Kren—Cut in pieces50c per doz., \$2.75 per 100
Cut in pieces..... 50c per doz., \$2.75 per 100
- RHUBARB ROOTS,—See page 17.

HERBS



Seeds marked * are perennial.

	Pkt.	Oz.
DILL—For flavoring .....	.10	.45
SWEET BASIL—Leaves used for flavoring .....	.10	
*SWEET FENNEL—Seeds aromatic .....	.10	

FLOWER SEEDS—10c per Pkt.

AGERATUM—Blue Perfection—Annual 12 to 15 in. Fine for mass effect or bedding—does not fade in sun. Very fine for cut flowers.

ALYSSUM MARITIMUM—Carpet of Snow—Hardy annual 4 in. Excellent for porch, window boxes, baskets, rockeries, and borders. White fragrant flowers.

ALYSSUM HARDY SAXATILE—Perennial 8 in.—golden blossoms—attractive edging plant.

ASTER—Giant Branching, mixed colors—Annual 18 in. beautiful flowers on long stems. Wilt Resistant.

ASTER—Heart of France—Annual—Red as a ruby and deepens with age. Wilt Resistant. 18 in.

ASTER—Ostrich Plume Mixed—Half hardy annual—18 in. Mixed colors. Chrysanthemum in form. Wilt Resistant.

BACHELOR'S BUTTON—Double Blue hardy Annual 2 ft., deep blue variety splendid for bouquets.

BACHELOR'S BUTTON—Double Mixed—Hardy Annual 2 ft., same as above except mixed colors.

BALSAM—Mixed—Annual 20 in. double flowers.

***BEANS—Scarlet Runner, Annual 8 ft. Climber, beautiful vine with bright scarlet flowers.**

CALENDULA—Finest mixed. (Pot Marigold). Extra hardy annual 18 in. Finest mixed colors.

CALENDULA—Orange King, Annual 18 in., bright orange colored flowers.

CALENDULA SUNSHINE—Annual 18 in. Chrysanthemum shaped flowers of bright golden yellow.

CALLIOPSIS—Tall Mixed Annual 20 in., very showy and free flowering.

CANDYTUFT—Hyacinth Flowered Annual 1 ft., very effective when grown in mass. Fine for cutting.

CANTERBURY BELL—Hardy mixture—Hardy Biennial 2 ft., glorious bell shaped flowers blue, rose and white.

***CASTOR BEAN—Annual 6 ft., leaves glossy green, brown or bronzed metallic hue with long spike of scarlet and green seed pods.**



Asters

CARNATION—Chabaud Giant Mixed. Annual. Flowers large, beautiful and delightfully fragrant.

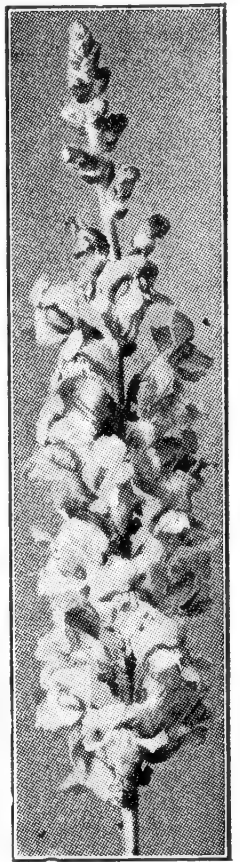
CHRYSANTHEMUM—Single mixed. Annual 15 in.—beautifully ringed with contrasting colors.

CLARKIA—Double mixed—Annual 2 ft.; a pretty and easily grown annual; buds open well in water.

COCKSCOMB—Celosia—Tall mixed—Annual 2½ ft. Chinese Wool Flower—long stems brilliant crimson flowers of silky wool.

COLUMBINE—Long spurred Hybrids—Perennial 2½ ft. Prized for cutting, colors pure white, yellow, pink, crimson to rich blue.

COREOPSIS—Mayfield Giant. Perennial 2 ft.—brilliant deep golden yellow flowers.



Antirrhinum

*Indicates Climbers



Calendula

FLOWER SEEDS—10c per Pkt.

COSMOS—Early Flowering Mammoth Mixed (Sensation). Annual 4 ft. Very large beautiful flowers.

COSMOS—Early Klondyke Orange Flare. Annual 4 ft. Bright vivid orange, very popular.

DAHLIA—Unwin's Dwarf Hybrids. Annual 14 in. Fine for cut flowers; beautiful mixed colors.

DELPHINIUM—Gold Medal Hybrids. Hardy perennial larkspur, 3 ft. Palest sky blue to deep purple.

DELPHINIUM—Larkspur Annual. Double flowers. Many fine colors. 3 ft.

DELPHINIUM—Larkspur Hardy Perennial. 3 ft. Very popular.

FOX GLOVE—*Digitalis*—Hardy mixed Perennial, 3 ft. Immense flower spikes, fine for background.

FOUR O'CLOCKS—*Marvel of Peru*—Mixed Annual, 3 ft. Flowers funnel shaped, white, red, striped and very fragrant.

GAILLARDIA—Blanket Flower, Annual Mixed, 1 ft. Showy, brilliant, many flowers.

GAILLARDIA—Indian Chief Annual 1 ft. New bronzy red and very showy.

GAILLARDIA—Portola Perennial 15 in., best sown in August.

GARDEN MIXTURE—A blend of easy-to-grow Annuals 10 in. to 15 in. Mixed to give an attractive effect.

***GOURDS**—Small Fruited, Mixed Annual Climber, 6 ft. Rapid grower, luxuriant foliage.

GYPSOPHILA—Pure White Annual 20 in. A quick grower, with beautiful white flowers.

HOLLYHOCK—Double Mixed—Perennial, 5 ft. An old favorite in most gardens.

LARKSPUR—See Delphinium

LOBELIA—Emperor William or Celestial Annual 10 in. Pretty little blue flowers.

LUNARIA—Money Plant. Biennial 2 ft. Purple and white flowers with silvery seed pods.

MARIGOLD—*Burpee Gold*—Odorless. Annual 22 in. Brilliant shade orange flushed with gold.

MARIGOLD—*Crown of Gold*—Odorless. Annual 18 in. Chrysanthemum type petals of golden orange.

MARIGOLD—Double French Mixed. (New Harmony Hybrids) Annual 12 in. Predominating color is yellow marked with brown and orange.

MARIGOLD—*Giant Supreme*—Mixed. Annual 24 in. Immense double flower heads of deep orange and lemon.



Hollyhock

FLOWER SEEDS—10c per Pkt.

MARIGOLD—Harmony—Annual 12 in. Center crest of deep orange with collar of maroon—brown broad petals.

MARIGOLD—Tagetes Signat Pumila—Annual 10 in. Fernlike foliage covered with dainty single golden orange flowers.

MARIGOLD—Yellow Supreme—Like guinea gold but is light lemon yellow flowers almost odorless.

MEXICAN FIRE BUSH—Kochia Childsi. Annual 3 ft. Burning bush or Summer Cypress. Light green in summer, rich deep red in fall.

MIGNONETTE—Sweet Machet—Annual 12 in. Beautiful and very fragrant.

***MOONFLOWER—White.** Annual Climber 10 ft. Same as above but with large, pure white, fragrant flowers.

***MORNING GLORY—Heavenly Blue**—Annual Climber 10 ft. Rapid climber with mass of immense flowers of exquisite shade of blue.

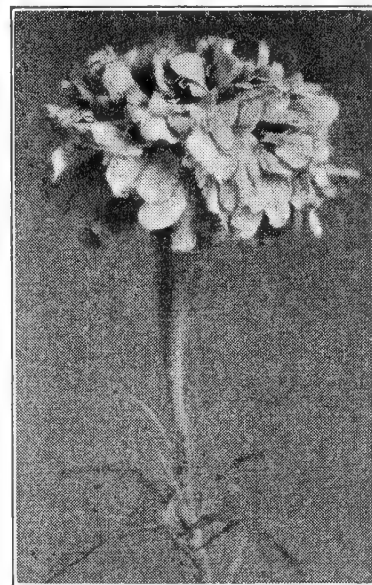
***MORNING GLORY—Scarlet O'Hara**—Annual 6 ft. Climber. Bright rosy red with 5 broad veins of pure red almost scarlet. Bottom of throat white.

NASTURTIUM—Dwarf Mixed—Annual 12 in. Beautiful mixture of colors.
10c pkt., 30c oz. 1.00 ¼lb.

NASTURTIUM—Gleam Hybrid—Mixed—New semi-double, semi-trailing, pleasing colors, sweet scented.

NASTURTIUM—Golden Gleam—Annual 12 in. Pleasing yellow and sweet scented. Semi-double.

***NASTURTIUM—Tall or Climbing Mixed.** Annual 6 ft. For trellises, fences, and stumps.
10c pkt., 30c oz., 1.00 ¼ lb.



Double African Marigold



Single Petunia

NEMOPHILA—Baby Blue Eyes—Annual 8 in. Vivid sky blue flowers, white center. Excellent for Rock Garden.

NICOTIANA—Hybrids. Annual 2½ ft. Great variety of color, beautiful and fragrant.

PETUNIA—Balcony Blue—Annual 14 in. Rich velvety blue. Fine for bedding or window boxes. Large flowers.

FLOWER SEEDS—10c per Pkt.

PINKS—Annual Mixed. Hardy. Annual 12 in. Large brilliant colored flowers.

POPPY—American Legion—Annual 14 in. Gorgeous poppy of dazzling orange scarlet with maltese cross in center.

POPPY—Shirley Mixed—Annual 14 in. A mixture of newer shades and combinations.

ROCK GARDEN MIXTURE—About 10 in. high, partly Perennial and Partly Annual; blended to furnish a wealth of bloom from earliest spring throughout the summer.



Phlox-Drummondii

SCABIOSA—Giant Mixed. (Mourning Bride). Annual 20 in. Pin cushion flower, blooms first season. Finest mixed, excellent for cutting.

SCHIZANTHUS—Giant Hybrids—Annual 18 in. Butterfly or fringe flower, dainty and airiest, plants becoming a sheet of bloom.

SHASTA DAISY—Perennial 2 ft. Beautiful large snow white flowers with yellow center.

SNAPDRAGON—Antirrhinum Mixed. Annual 2 ft. Spikes of varied colored blooms last long time when cut for house or table decorations.

SNAPDRAGON—Giant Pink—Annual 14 in. Beautiful pink.

STOCK—Double Dwarf—Mixed. Annual 14 in. (Gilliflower). Popular for bedding and pot culture. Foliage greyish-green, dense spikes in many pleasing colors.

SUNFLOWER—Double Golden—Annual 5 ft. Besides its floral effect it produces quantities of valuable bird seed.

SWEET WILLIAM—Fine Mixed. Hardy perennial 14 in. Similar to above with single petals.

VERBENA—Defiance Scarlet—Annual 15 in. Trailing plant, most brilliant color. Excellent for solid beds.

VERBENA—Hybrid Mixed—Annual 15 in. A mixture of many beautiful shades.

FLOWER SEEDS—10c per Pkt.

ZINNIA—Cherry Queen (Super Giant)—Annual 2 ft. Color bright; very striking in strong sunlight. Light red.

ZINNIA—Crimson Monarch (Super Giant). Annual 2 ft.

ZINNIA—Cut and Come Again Mixed—Annual 1 ft. Attractive medium sized flowers of many colors.

ZINNIA—Dahlia Flowering. Mixed. Annual 2 ft. Very large flowers of striking colors.

ZINNIA—Indian Summer—Mixed. Annual 2 ft. Bright Autumn colors. Giant flowers.

ZINNIA—Lilliput—Mixed. Annual 22 in. Small flowers, free blooming, excellent for cut flowers.

ZINNIA—Little Red Riding Hood—Annual 16 in. Small scarlet flowers.

ZINNIA—Super Giant Golden Dawn—Annual 2 ft. Large double flowers.

ZINNIA—Super Giant Oriole—Annual 2 ft. Deep orange.

ZINNIA—Super Giant Pink—Annual 2 ft.

ZINNIA—Super Giant Purple—Annual 2 ft.

===== SELECTED LIST OF SPENCER SWEET PEAS =====

Pkt. 10c., Oz. 35c., $\frac{1}{4}$ lb. \$1.15

AMBITION—Rich, deep lavender

AMETHYST—Bright mid blue

BONNIE BRIAR—Mammoth rose pink

DOREEN—Large waved flowers of carmine rose

GIGANTIC—Large pure white.

FAIRYLAND—Rose pink on cream

MASTERCREAM—Beautifully frilled, rich deep primrose

RED BOY—Rich crimson

OLYMPIA—Deep rich purple

WELCOME—Dazzling scarlet

WARRIOR—Chocolate maroon

HOWARD'S SPECIAL SPENCER OR ORCHID-FLOWERED MIXTURE

This is one of the finest Spencer Mixtures blended by us—10c Pkt., 25c. oz., 75c $\frac{1}{4}$ lb., \$1.35 $\frac{1}{2}$ lb., \$2.50 lb.

BIRD SEEDS

CANARY—Choice Sicily 25c per lb.

MILLETT 10c per lb.

RAPE 25c per lb.

SUNFLOWER—Mammoth Russian 30c per lb.

FISH FOOD pkg. 10c

* Indicates Climbers

GRAINS—Price According to Market and Subject to Change

BARLEY—Six rowed, Choice Northern Grown, per bushel 48 lbs., price on application. (1½ to 2½ bushels to acre.)

BUCKWHEAT—Japanese, 48 lbs. per bushel. 1 bushel to acre. Price on application.

OATS—High Grade Selected Seed—Northern Grown—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to 2½ bushels to acre. Price on application.

RAPE—Dwarf Essex—In drills 5 lbs. to acre, broadcast 10 lbs. to acre. Price on application.

RYE—Spring—For sowing in the spring, 56 lbs. per bushel. 1½ bushels to acre. Prices on application.

RYE—Winter—For fall sowing 56 lbs. per bushel. 1½ bushels to acre.

SOY or SOJA BEANS—Good for ensilage or green fodder, not good for hay. ½ to ¾ bushels to acre in drills. Prices on application.

VETCHES—Sand Winter, a Hairy Vetch—30 to 50 lbs. to acre, prices on application.

WHEAT—Spring—60 lbs. per bushel, price on application. Winter—60 lbs. to bushel. 1½ bush. to acre.

HUNGARIAN MILLET (Fancy)—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to 1½ bushels per acre. Market price.

MILLET—German or Golden—Similar to above flower stem more branching. 50 lbs. per bushel. Market price. 1 to 1½ bushels to acre.

MILLET—Japan—Barnyard (Crus-galli). Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. 8c lb., \$6.75 per 100 lbs.

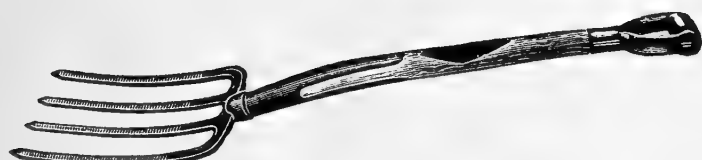
FERTILIZERS AND CHEMICALS**PRICES SUBJECT TO CHANGE**

	Lb.	25 lbs.	50 lbs.	100 lbs
AGRICO GARDEN (5-10-5) —A well balanced fertilizer absolutely adequate for food production.	.05	1.00	1.90	3.50
AGRICO NEW ENGLAND (5-8-7) A good garden fertilizer	.05	.95	1.75	3.00
AGRICO FOR CORN (4-12-8) —A good corn or vegetable fertilizer.	.05	1.00	1.90	3.25
AGRICO POTATO FERTILIZER (5-10-10)	.05	1.00	1.90	3.25
A. A. C.—POTATO and Vegetable (5-8-7)	.05	.95	1.75	3.00
AGRICO TOP DRESSING (7-7-7)	.05	.95	1.75	3.00
PURE BONE MEAL —Made from absolutely pure bones, finely ground, in best mechanical condition.	.05	1.00	1.90	3.50
MURIATE OF POTASH —50% actual potash.			Not available	
HIGH GRADE ACID PHOSPHATE (Plain Super-phosphate) —18% available phosphoric acid.	.03	.60	.95	1.75
NITRATE OF SODA 16%	.05	1.00	1.90	3.25
RAW GROUND LIME —Very finely ground High Grade Lime for agricultural purposes. Prices on application.				
PULVERIZED SHEEP MANURE —Weed free, fine for Lawns, Gardens, Flowers, Shrubbery, etc. 5 lbs., 45c; 10 lbs., 65c; 25 lbs., 95c; 50 lbs., \$1.75.				
CLAY'S FERTILIZER —Imported. Prices on application.				
VIGORO —A high grade fertilizer for Lawns, Gardens, Flowers, Shrubbery, Etc. Pkg. 10c; 5 lbs., 45c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.				
ADCO —To be mixed through compost heap. 7½ lb pkgs. \$1.00. 25 lb. bag, \$2.00.				
BOVUNG —Natural cow manure containing not less than 75% organic matter. 50 lbs., \$1.95; 100 lbs., \$3.50.				
SCOTCH SOOT (Imported) . 100 lb. bag. Price on application.				



HAY FORKS (Batcheller's)

4 and 4½ ft., bent handles, \$1.79 and \$1.89



SPADING FORKS—"Batcheller's"

4 Tine Long Handle, Flat or Diamond Tine\$1.69
4 Tine D Handle, Flat or Diamond Tine..... 1.69



MANURE FORKS, Batcheller's

5 Tine Long or D Handle\$2.29



POTATO HOOKS, Batcheller's

5 Tine "Standard" \$1.75



Ensilage Fork, 8 tine \$3.50

HOES



Sock Field, 6½ in. blade
Shank Field
Sock Field, Meadow, 8½ inch

\$1.25
.95
\$1.65



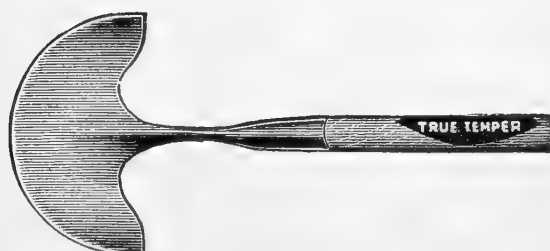
SCUFFLE HOE—Common. Not available.

Mortar Hoe (shank) \$2.25

RAKES



Steel Garden 14 tooth75
" " " \$1.25
" " " 1.45



TURF EDGER—or Edging Knife
Not Available

INSECTICIDES

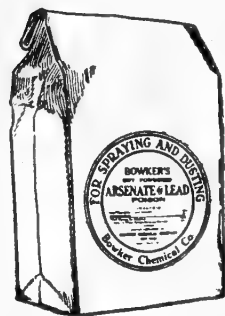
★ **IMPORTANT:** Items marked with star are **POISON**

Ant Buttons—For killing Ants, per box 25c.

ANTHROL—Pyrethrum garden spray, 25c.

★ **ANTHROL**—Ant-Killer, 40c and 75c. Syrup, 4 oz. bottle 20c.

★ **APHINE**,—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale. Quart \$1.00; Gallon \$3.00.



★ **ARSENATE OF LEAD**,—Powdered,
1 lb. 30c. 4 lbs. 75c. Special prices in quantities.

BUG DOOM—Bed bugs, Quart 60c

★ **"BLACK LEAF 40"**—A strong, nicotine preparation, for destroying aphis, thrip, etc.. 1 oz. 35c; 5 oz. \$1.00; 1 lb. bottle \$2.50; 2 lb. can, \$3.70; 5 lb. can, \$6.90; 10 lb. can, \$11.65.



★ **BLUE VITRIOL**,—Blue Stone Copper Sulphate, (Crystals), per lb., 12c.
Special price in quantity.

★ **BORDEAUX MIXTURE**—Powder. 1 lb. 30c; 4 lbs. 75c.

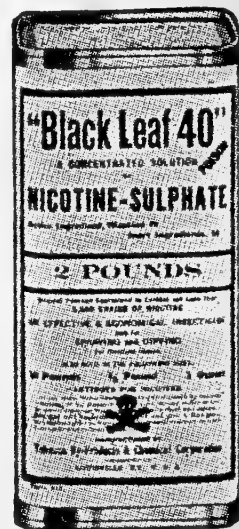
★ **CALCIUM CYANIDE**, "CYANOGAS",—For fumigating greenhouses, killing woodchucks, etc., ½ lb. A, for woodchucks, etc., 45c; 1 lb. A, for woodchucks, 75c; 5 lb. G, for greenhouses, \$3.00; 4 oz. ant killer for outdoor use only 30c.



CARBOLA—A disinfecting, germ-killing white paint, used instead of whitewash. 5 lb. pkg., 60c; 10 lb. pkg., 98c; 25 lb. \$1.90; 50 lb. \$3.50.

CHLORIDE LIME.—A valuable disinfectant. Price 1 lb. box, 15c.

★ **COPPER SOLUTION**.—To prevent blight, rot and mildew. ½ pt. 50c; 1 pt. 85c; qt. \$1.50.



CROW REPELLANT, (Stanley's).—Protects corn from crows, squirrels and rats; will not clog planter. One can for one bushel corn, 60c. Large Can 2 bushel corn, \$1.00.

DOG SKAT—Large tube, 25c; 3 oz bottle liquid, 35c.

EVERGREEN—Does not burn, kills practically all sucking and chewing insects; 1 oz., 35c; 6 oz. \$1.00; 16 oz., \$2.15; 1 gal., \$12.20

FLIT

FLIT—For roaches, bed-bugs, flies, etc.; for moths in clothes presses and in clothing, absolutely harmless but very effective. 6 oz. can, 10c; ½ pt. can, 15c; pint can, 25c; qt. can, 39c; gal. can, \$1.50.



FORMOCIDE—Formaldehyde Dust to control damping off. ½ lb. 50c; 1 lb. 85c.

★ **FUNGTROGEN**.—A remedy for mildew, rust and other fungus diseases, 1 pt. \$1.25, 1 qt. \$2.00.

GRAPE DUST—For the prevention of mildew, 1 lb. pkg. 35c.

GRAYLAWN FLY SPRAY,—To protect animals from flies—excellent, gallon \$1.50 and \$1.35.

HY-TROUS 4-8-4—Balanced fertilizer, liquid form, for shrubs, lawns, house plants and vegetable gardens. 3-oz. bottle 25c, 8-oz. bottle 59c, 16-oz. bottle 99c, 32-oz. bottle \$1.79.

K. R. O. RED SQUILL POWDER—Kills rats only, used with safety about the home, barn, poultry house. It is not a poison and is harmless to human beings, live stock, pets or poultry. 2 oz. pkg. 75c; K. R. O. Ready Mixed—6 oz. can 35c, powder and bait mixed, large can \$1.00.

LUCKY STRIKE—Cattle Spray, odorless, stainless and effective, per gal, \$1.35.

LUCKY STRIKE—Rotenone and Pyrethrum non-poisonous garden spray kills all chewing and sucking insects. 1 oz. bottle 35c; 4 oz. bottle \$1.00; 8 oz. \$1.60; 1 pt. \$2.50; 1 qt. \$3.75.

INSECTICIDES (Continued)

★ **IMPORTANT:** Items marked with star are **POISON**

- LIME SULPHUR (Dry)**—Same work as Commercial. 12½ lb. bag, \$1.65, quantities on application.
- MOTH DOOM**—1 pt can for moths, \$1.00.
- MOLOGEN**—Mole killer ½ lb. can 50c, 1½ lb. can \$1.25.
- ★ **NICO-FUME POWDER**—A Powder used same as Nico-fume paper 1 lb. 75c; 5 lbs. \$3.65.
- ★ **Pomo-Green with Nicotine**—A leaf green all-in-one dust or spray. 1 lb., 80c, 4½ lbs., \$3.00.
- ★ **Potash or Lye**—Per box, 15c.
- ★ **Pyrox** **PYROX.**—A spray for all leaf-eating insects, also a preventative of fungus diseases. 25 lbs., \$5.75; 50 lbs., \$8.35.
- ★ **PYROX-NICOTEEN**—For leaf eating and sucking insects and Fungus, package 60c, 5 lbs., \$2.00; 25 lbs., \$6.50; 50 lbs., \$10.65.
- ★ **RAT NIP**—Kills Rats—Tube 35c.
- RED ARROW**—A contact insecticide, will not burn tender foliage. Oz., 35c. ¼ Pt. \$1.00
- ★ **ROACH DOOM**—4 oz. can for roaches 40c, 8 oz. 70c.
- ROTENONE DUST**—Non-poisonous for all chewing insects in the garden. 1 lb. 35c; 2 lbs. 65c; 4 lbs. \$1.25.
- Scalecide**—1 qt. 75c; gal. \$1.75.
- ★ **Semesan**,—For controlling disease in the soil and on the seed such as smut on grains. Price, ⅓ oz. 10c; 2 oz., 40c; 1 lb., \$2.50.
- ★ **Semesan Bel**—For seed potatoes, 2 oz. 30c; 1 lb. \$1.65.
- ★ **Semesan Jr.**—For corn. 1½ oz. 15c; 1 lb., 75c.
- Sheep Dip—Cooper's**—In powder form pkg. makes 25 gallons. Price 75c.
- Slug Shot—Hammond's.**—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 1 lb., 30c; 5 lb. pkg., \$1.00. Liquid 1 oz. 35c; 4 oz. 95c.
- Sulfocide**—For fungus diseases, 1 pt. 60c; 1 qt. \$1.00; gal. \$2.50.
- Sulphur**—The finest ground. For the prevention and cure of Mildew on grapevines, roses, etc. Price per lb., 10c; 100 lbs., \$6.00.
- Sulphur Candles**—For fumigating. 10c each.
- Sunoco**—1 gal., \$1.30.
- Sweeping Compound**—A sanitary compound for use in sweeping floors—50 lbs. \$2.00; 100 lbs. \$3.75.
- Sylpho-Nathol**—formerly Sulpho-Napthol.—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 35c; medium bottle, 65c; quart can, 85c; one gallon can, \$2.50.
- Thrip Juice**—For sucking insects, ½ pt. 50c; pt. 90c; 1 qt., \$1.50; gal. \$4.80.
- Tobacco Dust**—A very fine dry powdered tobacco.. Price per lb., 10c, per 100 lbs., \$6.00.
- TRI-GEN**—For rose insects and fungus diseases small size \$1.50, med. size \$4.00.
- ★ **WEED KILLER, DOLGE'S**—For killing weeds in drives, walks, tennis courts, gutters, etc., highly concentrated. 1 qt. 75c; 1 gal. can, \$1.85; 5 gal. can, \$7.50; bbl. of 55 gal., \$57.75. Drum deposit.
- WHALE OIL or FISH OIL SOAP.**—½ pt. 35c; 1 pt. 65c.
- ★ **WILSON'S O. K. PLANT SPRAY**—A powerful, harmless and efficient insecticide. 1 qt., \$1.00, 1 gal. \$3.00.



LOWE BROS. PAINTS AND VARNISHES



A Complete,
Dependable Line



See Us Before You Paint

Over 30 years with
Lowe Bros.
shows our confidence



We Are Distributors
for Berkshire County

FRANK HOWARD, INC.



*The following is a partial list of
other lines we carry:*

Builders' Supplies	Insecticides
Carpenters' Tools	Lawn Mower, Hand
Cement	Lawn Mower, Power
Children's Toys	Lighting Equipment
Contractors' Tools	Lime
Dairy Equipment	Paint
Dairy Supplies	Poultry Supplies
Dog Supplies	Pumping Equipment
Dusters	Roll Roofing
Electrical Appliances	Seeds
Electric Supplies	Slate Surface Roofing
Farm Machinery	Sprayers
Fertilizers	Tractors
Flue Lining	Tile
Garden Supplies	Tools
Gifts	Wire Fencing
Hardware	Wooden Ware
Household Supplies	

LOUDEN Steel Barn Equipment

**MAKE HOWARD'S STORE YOUR HEADQUARTERS WHILE
IN THE CITY. YOU ARE ALWAYS WELCOME**

This is our 52nd anniversary—a half century of pleasant relationship with our friends in the community. We wish to thank those who have made this record possible. Now more than ever during these war years we need your co-operation. You may depend on us to do our best to render the friendly service we have tried to maintain throughout the years.

FRANK HOWARD, INC.



Grown Locally from Howard's Seed

Howard's Lawn Grass Seed

HOWARD HAS GRASS SEED FOR EVERY PURPOSE

HOWARD'S LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, practically free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Some of the finest lawns in Western Massachusetts are the results of using Our Seed and Fertilizer. Quantity required per acre 6 bushels. One Quart will sow 200 square feet. Price per lb., 50c; 4 lbs., \$1.80; 8 lbs., \$3.50; 16 lbs., \$6.50; 32 lbs., \$12.00.

HOWARD'S SHADY LAWN SEED—A special mixture for shady places of the finest grasses obtainable and best adapted for the Berkshires. 1 lb., 55c; 4 lbs., \$2.15; 8 lbs., \$4.10; 16 lbs., \$7.60; 32 lbs., \$14.00.

HOWARD'S PUTTING GREEN MIXTURE—This mixture is comprised of low growing, hardy grasses of best quality. 1 lb., 75c; 6 lbs., \$4.25; bushel of 25 lbs., \$17.00.

SPECIAL GRASS MIXTURE FOR PASTURES

Special Grass Mixture For Hay—Mixed to order from finest quality grasses.